

APPENDIX XII

120. INDEX OF FIELD NOMENCLATURE

	<u>PAGES</u>
<u>FIELDS</u>	
1030/1010 MONITOR FAIL.....	X-279
1030/1090 MAXIMUM NUMBER OF COUNTS	I-23
1030/1090 MONITOR FAIL.....	IV-69, IV-88, V-44, V-58, VIII-132, VIII-312, VIII-326, XI-68, XI-90
1030/1090 MONITOR FAIL STATUS.....	I-47
12 SECOND STATUS.....	IV-23, VIII-114
16 BITS OF TOA ADJUSTMENT.....	I-13
20% DUTY FACTOR EXCEEDED.....	I-136, IV-32, VIII-120
20% IPF DUTY FACTOR EXCEEDED.....	X-149
--A--	
A/A MODE	V-20, VIII-288
A/D OFFSET FAIL.....	IX-21
A/J MODE	IV-25, VIII-115
ACCESS DESCRIPTION.....	III-54, VIII-50
ACKNOWLEDGE BIT.....	I-77
ACTION REQUIRED.....	V-105, VIII-350
ACTIVE AIDED PASSIVE SYNC.....	I-135, I-142
ACTIVE CONTROL NET RELAY.....	IV-28, VIII-118
ACTIVE MAIN NET RELAY.....	IV-28, VIII-117
ACTIVE SYNC MODE.....	I-135, I-142
ACTIVE VOICE NET RELAY.....	IV-28, VIII-118
ACTIVE/INACTIVE ENTRY INDICATION.....	I-129, IV-94
ADAPTIVE GRID DRIFT MODEL.....	I-164
ADDRESS TYPE SPECIFIER.....	VIII-194
ADDRESS DECODE (RECEIVE).....	V-5, V-13, VIII-282
ADDRESS ENCODE (TRANSMIT).....	V-5, V-13, VIII-282
ADDRESS EXTENSION.....	V-97, VIII-193, VIII-342, X-56, X-117, XI-57
ADDRESS FIELD.....	I-77
ADDRESS LOCATION	
0000.....	VIII-3, IX-3
00000.....	I-60
0020.....	VIII-6, IX-6
0040.....	I-3, I-4
0041.....	I-5
0042.....	I-7
0043.....	I-7
0044.....	I-8
0045.....	I-7
0046.....	I-7
0047.....	I-8
0048.....	I-8
0049.....	I-9
004A.....	I-10
004B.....	I-11

ADDRESS LOCATION (Continued)	<u>PAGES</u>
004C	I-13
004D	I-13
004E	I-13
004F	I-14
0050	I-14
0051	I-15
0052	I-16
0053	I-16
0054	I-16
0055	I-19
0056	I-21
0058	I-22
0059	I-23
005A	I-24
005B	I-24
005C	I-25
005D	I-25
005E	I-26
005F	I-27
0063	I-41, I-42
0064	I-44
0065	I-44
0066	I-45
0067	I-45
0068	I-46
0069	I-47
006A	I-47, I-49
006B	I-47, I-50
006C	I-47, I-51
006D	I-53
006E	I-53
006F	I-54
0070	I-54
0075	I-76
0076	I-76
0077	I-76
0078	I-76
0079	I-76
007A	I-185, I-188
007B	I-182
007C	I-182
007D	I-182
007E	I-182
007F	I-184
0080	V-2, V-10, VIII-279, VIII-280, XI-2
0081	V-2, V-10, VIII-280, XI-2
0082	V-2, V-10, VIII-280, XI-2
0083	V-2, V-10, VIII-280, XI-2
0084	V-2, V-10, VIII-280, XI-2
0085	V-2, V-10, VIII-280, XI-2
0086	V-2, V-10, VIII-280, XI-2
0087	V-2, V-10, VIII-280, XI-2
0088	V-2, V-10, VI-3, VIII-280, XI-19

ADDRESS LOCATION (Continued)	<u>PAGES</u>
008AVI-8, VIII-7, IX-7	
008B	VI-19, VIII-7, IX-8, IX-14
008C	VI-19, IX-8
008D	VI-20, VIII-8, IX-8
008E	VI-21
008F	VI-22
0090	VII-12, VIII-13, VIII-14, IX-14, IX-15, X-34, XI-33
0091	VI-18, VII-13, VIII-15, IX-16, X-35, XI-18, XI-35
0092	VI-18, VII-13, IX-16, X-36, XI-35
0093	VI-18, VII-14, VIII-16, IX-17, X-36, XI-36
0094	VI-18, X-29, X-37, XI-27
0095	VI-13, VII-8, VIII-9, IX-7, IX-9, IX-10, IX-18, X-29, XI-28
0096	VII-9, VIII-10, IX-11, X-30, XI-29
0097	VII-9, VIII-10, IX-12, X-31, XI-29
0098	VII-9, VIII-11, IX-13, X-31, XI-30
0099	VII-9, VIII-11, IX-14, X-31, XI-30
009A	VII-9, VIII-11, IX-17, IX-18, X-31, XI-30
009B	VII-9, VIII-11, IX-18, IX-19, X-31, XI-30
009C	VII-9, VIII-11, IX-18, IX-21, X-31, XI-30
009D	VII-10, VIII-12, X-32, XI-31
009E	VII-11, VIII-13, IX-18, X-33, XI-32
009F	VII-11, VIII-13, X-33, XI-32
00A0	V-19, VIII-287, X-12, X-13
00A1	V-19, VIII-287, X-12, X-14
00A2	V-20, VIII-288, X-12, X-15
00A3	V-21, VIII-289, X-12, X-15
00A4	V-22, VIII-290, X-12, X-15
00A5	V-22, VIII-290, X-12, X-15
00A6	V-23, VIII-291, X-12, X-16
00A7	V-23, VIII-291, X-12, X-16
00A8	V-24, VIII-279, VIII-292
00A9	V-24, VIII-292
00AA	V-24, VIII-292
00AB	V-24, VIII-292
00AC	V-25, VIII-293
00AD	V-25, VIII-293
00AE	V-26, VIII-294
00B0	V-27, VIII-295
00B1	V-28, VIII-296
00B2	V-29, VIII-297
00B5	V-8, V-16, VIII-285, XI-18
00B6	V-8, V-16, VIII-285, XI-18
00BA	V-95, VIII-340
00DA	V-96, VIII-341
00DB	V-96, VIII-340, VIII-341
00DC	V-95, VIII-340
00FC	V-37, VIII-305
00FD	V-35, V-37, VIII-303, VIII-305
0100	VIII-3, IX-3
0120	VI-10
0121	VI-10
0122	VI-9

ADDRESS LOCATION (Continued)	<u>PAGES</u>
0140	I-76
0141	I-76
0142	I-76
0143	I-76
0144	I-76
0146	I-176
0147	I-176
0148	I-176
0149	I-176
014A	I-180
014B	I-185
014C	I-185
014D	I-185
014E	I-185
014F	I-185
0150	I-185
0151	I-185
0152	I-185
0153	I-185
0154	I-185
0157	I-56
0158	I-56
0159	I-58
01F8	XI-37
01F9	XI-37
01FA	XI-37
01FB	XI-37
01FC	XI-37
01FD	XI-37
01FE	VI-11, XI-37
01FF	XI-37
1DF8	I-175, I-176, I-178, I-179
1DF9	I-175, I-176, I-178, I-179
1DFA	I-175, I-176, I-178, I-179
1DFB	I-175, I-176, I-178, I-179
1E090	IX-9
1E0FC	X-179
1E0FD	X-180
1E0FF	X-186
1E100	X-187
1E101	X-188
1E102	X-189
1E103	X-190
1E104	X-191
1E105	X-192
1E106	X-193
1E187	X-42
1E188	X-45
1E189	X-174
1E190	X-39
1E1A0	X-41
1E1B0	X-175
1E1B2	X-177

ADDRESS LOCATION (Continued)	<u>PAGES</u>
1E1B4	X-184
1E1B6	X-185
1E1B7	X-185
1F80	IX-23, IX-24
1FB00	V-35, VIII-303
1FB7F	V-35, VIII-303
1FBF4	V-31, VIII-299
1FBF5	V-31, VIII-299
1FBF6	V-31, VIII-299
1FBF7	V-31, VIII-299
1FBF8	V-31, VIII-299
1FBF9	V-31, VIII-299
1FBFA	V-31, VIII-299
1FBFB	V-31, VIII-299
1FBFC	V-31, VIII-299
1FBFD	V-31, VIII-299
1FBFE	V-31, VIII-299
1FF2	VIII-5, IX-5
1FF4	I-180
1FBFF	V-31, VIII-299
ADDRESS LOCATOR	X-56
ADDRESS REQUEST	XI-57
ADDRESS TYPE FIELD	I-78
ADDRESS TYPE SPECIFIER	IV-11, V-98, VIII-343, X-56, X-117, XI-57
ADDRESS WORD	V-98, VIII-343
ADDRESS WRAP GOOD	VI-21
ADDRESSED RTT OBSERVATION PROCESSED	I-156, I-158
ADDRESSED RTT REQUEST	I-156, I-157
ADR1	I-77, I-79, I-80
ADR2	I-77, I-78, I-79, I-80
ADVANCE VALUE	VIII-75, VIII-76
ADVANCED SLOT NOTIFICATION	VIII-203, VIII-243, IX-12, IX-23
ADVANCED SLOT NOTIFICATION ENABLE	VIII-75, VIII-76
ADVANCED SLOT NOTIFICATION MODE SELECTION	VIII-75
AGC FUNCTION FAILURE	IV-71, V-26, V-45, VIII-294, VIII-313
AGC IN SEARCH	V-21, VIII-289
AGC IN TRACK	V-21, VIII-289
AGC SEARCH/TRACK	V-21, VIII-289
AIR PLATFORM AND SYSTEM STATUS MESSAGE	VIII-191
AIRBORNE INDICATOR	III-44, VIII-46
ALL TRACK NUMBERS FILTER	III-77, III-78, III-99, VIII-58,
.	VIII-61, XI-46, XI-47
ALTITUDE	I-99, I-100, X-89
ALTITUDE BIAS PROCESS NOISE	I-115
ALTITUDE OF FIX	I-105
ALTITUDE PROCESS NOISE	I-114
ALTITUDE QUALITY	VIII-264, X-89
ALTITUDE REFERENCE	I-110, I-112
ALTITUDE SCALE FACTOR CORRELATION DISTANCE	I-116
ALTITUDE VALID	IV-48, VIII-125, VIII-209
ALTITUDE VARIANCE	I-106
ANTENNA A CABLE DELAY	III-37, VIII-40
ANTENNA SELECT	VI-14

	<u>PAGES</u>
AQT	I-157
ARMY INTERFACE UNIT	VII-1
ASSIGNMENT PENDING TABLE FULL	I-135, I-139, IV-26, VIII-116
ASSIGNMENT VALID	III-87
ATP FLAG WORD	I-185, I-186
AZIMUTH	
ESTIMATED RELATIVE GRID	I-122
AZIMUTH CORRECTION USED	VIII-221
AZIMUTH COVARIANCE	I-113
AZIMUTH DRIFT COVARIANCE	I-113
AZIMUTH PROCESS NOISE	I-115
AZIMUTH TIME CONSTANT	I-116

--B--

B SUPPLY FAIL	X-277
B SUPPLY GOOD	VII-8, X-30, XI-28
BAD LOAD	IV-15, IV-16, V-111, VIII-106, VIII-107, VIII-356, X-270, XI-61, XI-62
BAILOUT INDICATOR	III-44, VIII-46
BAM DATA FORMAT	IV-4
BAM NUMBER	IV-4
BASEBAND CONVERTER FAIL	X-277
BASIC BLOCK RECURRENCE RATE	VIII-151
BASIC BLOCK RECURRENCE RATE MODIFIER	III-122
BATTERY FAIL	IV-13, VIII-104, VIII-234, X-267, XI-59 (BATF)
BEARING 15 HZ MOD PRESENT	V-109, VIII-354
BEARING CONVERSION	V-21, VIII-289
BEARING CONVERSION DISABLE FOR CCP	X-216, X-223
BEARING IN MEMORY	X-245
BEARING IN SEARCH	V-21, VIII-289
BEARING IN TRACK	V-21, VIII-289
BEARING INVALID	IX-21
BEARING RATE	V-25, VIII-293
BEARING RATE WORD INVALID	V-25, VIII-293
BEARING SEARCH/TRACK	V-21, VIII-289
BEARING VALID	V-20, VIII-288
BEARING WORD INVALID	V-22, VIII-290
BEARING WORD INVALID BIT	V-19, VIII-287
BEGINNING OF TAPE	X-177
BI-DIRECTIONAL INITIALIZATION DATA	I-126
BI-DIRECTIONAL INITIALIZATION DATA DTB	III-47, VIII-48
BIT CARD WRAPAROUND FAILURE	XI-69, XI-91
BIT COMMAND	III-136, III-152, VIII-92, VIII-202, XI-54
BIT COMMAND MODE	I-151, I-155
BIT DATA RESULTS NOT VALID	VIII-106, VIII-355
BIT FAIL ID DISABLE	XI-33
BIT IN PROCESS	IV-15, IV-16, V-111, VIII-106, VIII-107, VIII-356, X-270, XI-61, XI-62
BIT REFUSAL	VIII-106, VIII-356
BIT STATUS REPORT	IV-64, VIII-128, XI-64
BITS NOT USED	VIII-177

	<u>PAGES</u>
BLANKING FAIL.....	IX-21, IX-22
BLOCK COUNT	III-3, III-5, VIII-19
BLOCK 0 WORD 3	III-5
BLOCK COUNT ERROR	IV-21, VIII-112, X-273, XI-63
BLOCK ERASURE	I-59
BLOCK ERASURE COUNT	I-60, I-61
BLOCK ERASURE COUNT 1	I-62, I-68, I-70
BLOCK ERASURE COUNT 2	I-62, I-68, I-70
BLOCK ERASURE COUNT 3	I-68
BLOCK ERASURE COUNT 4	I-68
BLOCK ERROR	I-59
BLOCK ID III-4, IV-12, V-98, VIII-175, VIII-195, VIII-343, XI-58	
BLOCK NUMBER	I-126, I-127
BLOCK TYPE	V-98, VIII-343
BLOCK VALIDITY	XI-13, XI-15
BODY COORDINATES OF NAVIGATION SYSTEMS	III-134
BOOLEAN CHECKSUM	I-96
BROADCAST COMMAND RECEIVED	VIII-177, VIII-246
BROADCAST RTT OBSERVATION PROCESSED	I-156, I-158
BROADCAST RTT REQUEST	I-156, I-157
BUFFER 1 STATUS	IV-162, XI-84
BUFFER 2 STATUS	IV-162, XI-84
BUFFER 3 STATUS	IV-162, XI-84
BUFFER CONTAINS DATA	X-39
BUFFER LENGTH BIT	VIII-282, XI-12, XI-13
BUFFER RECEIVED WITH PARITY ERROR	X-39
BUFFER STATUS BIT	V-5, V-6, V-13, V-14, VIII-282, VIII-283, XI-12, XI-13
BUFFERS FULL	X-149
BUSY	VIII-177, VIII-246

--C--

CABLE DELAY R/T TO DDP	III-37, VIII-40, XI-44
CATALOG TYPE	I-5, I-10, I-60, I-61, I-62, I-63, I-64, I-65, I-66, I-67, I-68, I-69, I-70, I-71, I-72, I-73, I-74, I-82, I-84, I-88, I-89, I-91, I-95, I-132, I-133, V-65, V-103, V-115, VIII-332, VIII-348, VIII-360
CCP A RAM/ROM FAIL	X-174
CCP A WRAP FAIL	X-174
CCP B RAM/ROM FAIL	X-174
CCP B WRAP FAIL	X-174
CCP BUFFERS FULL	X-150
CCP NOT INITIALIZED	X-150
CCP SKIPPED CONVERSION	X-150
CCPCP BUFFERS FULL	X-269
CCPCP FAIL	X-268
CCPCP FAILED	X-150
CCPCP INIT REQ	X-269
CENTRALIZED MODE	III-122, III-124
CFLTI SAMPLE GOOD	VII-10, VIII-12, X-32, XI-31
CHANNEL 1 CH1DV TO PRTT70 WRAP TEST FAIL	XI-19
CHANNEL 1 CH1DV TO PTT70 WRAP TEST FAIL	VI-3

	<u>PAGES</u>
CHANNEL 1 CVSD CLOCK FAIL.....	VI-3, XI-19
CHANNEL 1 DVSD CLOCK FAIL.....	XI-19
CHANNEL 1 LPC CLOCK FAIL.....	VI-3, XI-19, XI-20
CHANNEL 1 VOICE SERIAL I/O FAIL.....	VI-3
CHANNEL 1 VOICE SERIAL INPUT/OUTPUT FAIL.....	XI-19
CHANNEL 2 CH2DV TO PTT80 WRAP TEST FAIL.....	XI-20
CHANNEL 2 CVSD CLOCK FAIL.....	VI-3
CHANNEL 2 LPC CLOCK FAIL.....	VI-3, XI-19
CHANNEL 2 VOICE SERIAL INPUT/OUTPUT FAIL.....	XI-20
CHANNEL RATE	I-154, IV-44, VIII-123
CHANNEL STATUS	I-151, I-153, IV-42, VIII-122
CHECKSUM	I-96, III-3, III-7, III-40, III-52, III-63, III-64,
	III-65, III-66, III-67, III-68, III-69, III-70,
	III-71, III-72, III-73, III-74, III-75, III-84,
	III-88, III-89, III-90, III-95, III-96, III-98,
	III-102, III-119, III-133, III-135, III-151, VIII-19,
	VIII-21, VIII-43, VIII-55, VIII-64, VIII-71, VIII-83,
	VIII-86, VIII-91, VIII-174, VIII-175
COMPUTATION OF	III-4
WORD 1 IN ALL BLOCKS	III-4
CHECKSUM - RECEIVE MESSAGE	I-134
CHECKSUM ERROR	IV-19, VIII-110, X-271, XI-62
CHRONOMETER CONTROLS	I-178
MUX CONTROL	I-178
RESET ENABLE	I-178
TIME INITIALIZATION	I-178
TIME READOUT	I-178
CHRONOMETER DAYS	I-176, IV-91
CHRONOMETER DISABLE	VIII-16, X-36, XI-36
CHRONOMETER FAIL	I-135, I-139, IV-26, IV-65, V-41, VIII-116,
	VIII-129, VIII-309, X-276, XI-65, XI-87
CHRONOMETER HOURS	I-176, IV-91
CHRONOMETER MINUTES	I-176, IV-91
CHRONOMETER RESET ENABLE	I-177, I-178, I-179
CHRONOMETER SECONDS	I-176, IV-90
CHRONOMETER SLOTS	I-176, IV-90
CHRONOMETER TIME OF DAY	VIII-235
CHRONOMTER DISABLE	VII-14
CLOCK BIAS CORRECTION	I-143
CLOCK BIAS CORRECTIONS	IV-31
CMS BACKUP BC	X-270
CMS MUX DISABLE	X-36
CMS MUX FAIL	X-267, X-281
CMS MUX GOOD	X-29
CMS MUX MODE CHANGE FAIL	X-284
CMS MUX SELF-TEST FAIL	X-284
COARSE SYNC	I-42, VIII-196, X-269
COARSE SYNC ACHIEVED	I-135, I-142
COARSE SYNC CONFIRMED	I-4, I-135, I-142
COARSE SYNC IN PROCESS	X-269
COARSE SYNC INITIATION	I-11, I-12
COARSE SYNC NOT ACHIEVED	I-145, IV-32, VIII-120
CODING	I-151, I-153, IV-43, IV-45, VIII-123

	<u>PAGES</u>
COMM MODE	I-138
COMMAND AND CONTROL INDICATOR	III-44, VIII-46
COMMAND BIT	I-78
COMMAND TDMA SELF TEST	I-17
COMMAND VALIDITY	X-42, X-45
COMMON CARRIER	
MESSAGE DATA	VIII-177
SUBADDRESS COUNT	VIII-177
COMMON CARRIER MESSAGE	VIII-185, VIII-203
COMMON GRID	IV-59
COMMUNICATIONS MODE	I-11, III-8, VIII-22, VIII-231, XI-40
COMMUNITY NAVIGATION CONTROLLER	I-124, I-136, I-147, I-161, I-163, IV-37, IV-38, IV-61, IV-62
COMPOSITE BLANKING	VIII-203, IX-12, IX-23
COMPOSITE BLANKING ENABLE	VIII-75, VIII-76
COMPOSITE BLANKING FAIL	IX-19
COMPOSITE BLANKING LOGIC LEVEL	VIII-75, VIII-76, VIII-203, VIII-244
COMPOSITE BLANKING STATUS	VIII-243
COMPUTER SUPPORT SYSTEM	V-30, VIII-298
BUFFER SIZE	V-30, VIII-298
Connectivity Data	IV-140, IV-141, IV-142, IV-153, IV-154, IV-157
CONTINUATION WORD LABEL	VIII-170
CONTROL CHANNEL NET NUMBER	III-156, VIII-94, VIII-232
CONTROL CHANNEL SELECT	VI-14
CONTROL DATA	VIII-26
CONTROL DISCRETE DATA	III-48, VIII-49
CONTROL WORD	VIII-174
COORDINATE CONVERTER MEM FAIL	X-285
COORDINATE CONVERTER TEST CONVERSION	X-284
COORDINATE CONVERTER WRAP FAIL	X-285
CORRELATOR FAIL	X-277
COVARIANCE BLOW UP BITS	I-174
COVARIANCE BLOW UP FACTOR	I-174
COVARIANCE VALIDITY TIME	I-162
CPS ASSIGNED LOOPBACK ID	X-77, X-99, X-110
CPS COMMAND FAIL	X-152
CPS DISABLE	X-36
CPS I/O PROCESSOR FAIL	X-281
CPS INTERFACE DOWN	X-152
CPS MEM FAIL	X-285
CPS REPORT FAIL	X-152
CPS WRAP FAIL	X-285
CPSM FAIL	X-277
CPSM MODULATION TEST FAIL	VI-15
CPSM NOT DETECTED	IV-68, V-43, VIII-311, XI-89
CPSM NOT DETECTED BY HPA	IV-68, VIII-131, XI-67
CPSM NOT DETECTED BY HPAG	X-278
CPU FAIL	I-135, I-138, IV-65, VIII-129, XI-65
CPU FAILURE	IV-26, IV-71, V-26, V-45, VIII-116, VIII-294,
	VIII-313
CRYPTO NET RELAY INDICATOR	III-58, III-59
CRYPTO PERIOD DESIGNATOR	III-32, VIII-37

	<u>PAGES</u>
CRYPTO STATUS	I-140, IV-28, VIII-118
CRYPTOGRAPHIC MODE	III-53, III-54, III-58, III-59, VIII-50
CTP BIT INIT WRAPAROUND FAIL	X-281
CTP BIT WORD 1	I-41
CTP BIT WORD 2	I-41
CTP BIT WORDS	I-54
CTP BUFFER LOCATION	I-88
CTP CNTL	V-65, VIII-332
CTP CONTROL	I-88, I-92, V-116, VIII-361
CTP FAIL	I-135, X-277, XI-66
CTP FULL	I-140
CTP INTO RADIO SILENT MODE	I-151, I-155
CTP LOCATION	I-92
CTP TEST INIT WRAPAROUND	VII-10, X-33, XI-31
CTP TEST INITIALIZATION WRAPAROUND	VIII-13
CTP TEST INITIATE	VII-12, VIII-15, X-35, XI-34
CTP VERSION NUMBER	I-58
CURRENT CRYPTO PERIOD DESIGNATOR	III-17, III-18, III-82, VIII-28
CURRENT LOOPBACK STATUS	IV-76, VIII-136, XI-72
CYPHER TEXT PROCESSOR	I-12, I-41, I-58, I-135
CYPHER TEXT PROCESSOR BUFFER LOCATION	I-88, I-92
CYPHER TEXT PROCESSOR CONTROL	I-88, I-92
CYPHER TEXT PROCESSOR FULL	I-140, IV-27, VIII-117

--D--

D/R ALTITUDE	IV-49
D/R INTRACYCLE TIME	I-99, IV-48, IV-53
D/R LATITUDE	IV-49
D/R LONGITUDE	IV-49
D/R NAV DATA	I-97, I-98
D/R TIME TAG	IV-48
D/R VALIDITY	IV-48, VIII-125
D/R VALIDITY WORD	I-99
D/R X SPEED	IV-50, VIII-126
D/R Y SPEED	IV-50, VIII-126
D/R Z SPEED	IV-50
DAMPED MODE	I-99, IV-49, VIII-125, VIII-126, VIII-208
DAMPING MODE	I-117
DATA ADDRESS FIELD 1	I-77
DATA ADDRESS FIELD 2	I-77, I-78
DATA AGE	VIII-179, VIII-188
DATA AVAILABLE	V-37, VIII-305
DATA CHANGE	III-18, III-31, III-32, III-123, VIII-23, VIII-36, VIII-37, VIII-107
DATA CHANGE VALIDITY	III-122, III-123
DATA CHANGE VALIDITY ERROR	VIII-233
DATA CONFLICT	IV-15, IV-16, V-111, VIII-106, VIII-107, VIII-356, X-270, XI-61, XI-62
DATA PROCESSOR GROUP	III-1
DATA SILENCE	I-142, X-150
DATA SILENT	I-155, VIII-197
DATA SILENT MODE	IX-13

	<u>PAGES</u>
DATA TRANSFER BLOCK	I-77
DATA TRANSFER BLOCK FULL	I-135, I-139
DATA TRANSFER BLOCK NOT ACKNOWLEDGED	I-135, I-139
DATA TRANSMISSION BLOCK	I-75
DATA TYPE I-84, V-103, VIII-180, VIII-250, VIII-348, X-84	
DATA WORD COUNT I-126, I-127, III-4, IV-12, VIII-175, VIII-195,	XI-58
DDP FAIL IV-79, VIII-138, VIII-234, XI-74	
DDP FAIL INDICATOR WRAPAROUND VII-10, VIII-12, X-32, XI-31	
DDP FLAG WRAPAROUND INDICATION FALSE	IV-72
DDP-R/T INTERFACE FAIL	IV-67, VIII-130, XI-66, XI-88
DDP-RT INTERFACE FAIL	VIII-310, X-277
DECODE BUFFER STARTING ADDRESS	V-5, V-6, V-13, VIII-282,
.....	VIII-283, XI-12
DECODE FAIL	I-59
DECRYPT	I-5
DECRYPT INDICATOR	III-61
DECRYPT VARIABLE STATUS	I-42
DEFAULT MSEC VARIABLE	III-31, VIII-36
DEFAULT NET	VIII-84
DEFAULT NET NUMBER	III-7, VIII-21
BIT VALUES	III-30
BLOCK 1 WORD 19	III-30
DEFAULT TSEC VARIABLE	III-31, VIII-36
DEFAULT VARIABLES	III-7, VIII-21
BLOCK 1 WORD 20	III-31, VIII-36
DEGRADED PERFORMANCE	V-110, VIII-355
DEGRADED PERFORMANCE IV-13, IV-14, IV-79, V-52, VIII-104,	VIII-105, VIII-138, VIII-320, X-269, XI-59, XI-74,
.....	XI-97
DEGRADED PERFORMANCE WORD	V-55, VIII-323
DELETION THRESHOLD	III-123
DEMAND LIMIT OVERRIDE	III-122, III-124
DIGITAL DAT PROCESSOR FAIL	VI-17
DIGITAL DATA PROCESSOR	I-1, VIII-1, VIII-5, IX-1
DIGITAL DATA PROCESSOR FAIL	VII-12, VIII-14, VIII-138, IX-15,
.....	X-34, XI-33, XI-74
DIGITAL DATA PROCESSOR FLAG FAIL	IX-19
DIGITAL LOOPBACK	IX-15
DIGITAL LOOPBACK FAIL	IV-66, V-42, VIII-130, VIII-310, X-277,
.....	XI-66, XI-88
DIGITAL LOOPBACK INDICATOR	I-42, I-43, I-88, I-89, I-91, I-93,
.....	I-95, V-65, V-115, VIII-332, VIII-360
DIGITAL LOOPBACK TEST	I-155, VIII-17
DIGITAL VOICE BUFFER	V-3, V-11, VIII-281
DIGITAL VOICE PORT	V-1, VIII-279
DIGITAL VOICE WORD	
BLOCK 1, WORD 26	III-34, VIII-39
DIRECTED RELAY GROUP	I-131
DIRECTED RELAY GROUP NUMBER	I-131
DIRECTIONAL ANTENNA B	XI-54
DISPLACED POSITION INDICATOR	III-44
DIVIDE BY ZERO	I-139

	<u>PAGES</u>
DMA FAIL	IX-19, IX-20
DME DELAY	III-165, V-28, VIII-99, VIII-296
DME IN MEMORY	V-21, VIII-289
DME IN SEARCH	V-21, VIII-289
DME IN TRACK	V-21, VIII-289
DME SEARCH/TRACK	V-21, VIII-289
DO NOT ATTEMPT DECRYPT INDICATOR	III-61
DO NOT LOAD OUTPUT BUFFER	V-96, VIII-341
DPG VALIDITY TEST	XI-61
DPG VALIDITY TESTING	VIII-106
DR	I-127
DTB FULL	I-135, I-139, IV-27, VIII-117
DTB NOT ACKNOWLEDGED	I-135, I-139, IV-27, VIII-117
DUAL ANTENNA	I-17
DUTY FACTOR EXCEEDED	I-145

--E--

EARTH MODEL	X-199
EARTH MODEL FOR CCP	X-245
EAST TILT CORRECTION USED	VIII-220
EAST VELOCITY CORRECTION USED	VIII-220
EAST-WEST RADIUS OF CURVATURE	I-120, IV-57
EMERGENCY	VIII-231
EMERGENCY INDICATOR	III-44, VIII-46
ENABLE ARY TEN	VI-17, VII-14, X-37, XI-36
ENABLE ARYTEN	IX-15
ENCODE BUFFER STARTING ADDRESS	V-5, V-6, V-13, VIII-282, VIII-283, XI-12
ENCRYPT	I-4
ENCRYPT VARIABLE STATUS	I-42
END OF SLOT FAIL	IX-19, IX-20
END OF SLOT FALLS WITHIN WINDOW	VIII-12
END OF SLOT INTERRUPT	I-6, I-41
END OF TAPE	X-177
END-TO-END DELAY	III-60
END-TO-END RELAY DELAY	III-56
EOS FALLS WITHIN WINDOW	VII-10, X-32, XI-31
EPOCH NUMBER	I-146
EPROM CHECKSUM FAIL	VI-20
ERASE VARIABLES	I-4
ERASURE COUNT	I-59, I-61, I-62, I-65, I-66, I-67, I-68, I-69, I-70, I-71, I-72, I-73, I-74, I-91, I-96
ERROR CODED FREE TEXT	I-82
ERROR FLAG	X-49
ERROR TAG BIT	X-54
ESTIMATED GRID-ORIGIN LATITUDE	IV-59
ESTIMATED GRID-ORIGIN LONGITUDE	IV-59
ESTIMATED RELATIVE-GRID AZIMUTH	IV-59
ETR CABLE DELAY BLOCK 1, WORD 27	III-36
ETR OBSERVATION PROCESSED	I-156, I-158
ETR SUMMARY	I-135, I-142

	<u>PAGES</u>
ETR SUMMARY WORD	IV-31
ETR SYNC UPDATE REQUEST	I-156, I-157
ETR UPDATE	I-42
EXCESSIVE UNCORRECTABLE MESSAGE ERROR RATE	XI-73
EXCITER OUTPUT CONTROL	I-17, III-8, III-9, VIII-22, VIII-23, VIII-93, XI-40
EXERCISE INDICATOR	III-44, VIII-46, VIII-196, VIII-231
EXPONENT	IV-3
EXTENDED REGISTER	V-32, VIII-300
EXTERNAL NPG NUMBER	IV-94
EXTERNAL TIME REFERENCE	I-41, I-44, I-97, I-107, I-142, I-159, III-17, III-82, IV-31, VIII-28
EXTERNAL TIME REFERENCE CABLE DELAY	III-36
EXTERNAL TIME REFERENCE DATA	I-107
EXTERNAL TIME REFERENCE OBSERVATION PROCESSED	I-156, I-158
EXTERNAL TIME REFERENCE SUMMARY	I-135, I-142
EXTERNAL TIME REFERENCE SYNC UPDATE REQUEST	I-156, I-157
EXTERNAL TIME REFERENCE TIME TAG	I-160
EXTERNAL TIME REFERENCE TIME WORD 1	I-41
EXTERNAL TIME REFERENCE TIME WORD 2	I-41
EXTERNAL TIME REFERENCE TOA	I-160
EXTERNAL TIME REFERENCE UPDATE	I-42
EXTRAPOLATION	
INDIRECT PPLI MESSAGE	VIII-181
MARITIME SURFACE TRACK SURVEILLANCE	VIII-181
SURVEILLANCE MESSAGE	VIII-181
TARGET SORTING MESSAGE	VIII-181
EXTRAPOLATION REQUEST	VIII-180
EXTRAPOLATION REQUIRED	I-85, X-68

--F--

FAIL	V-110, VIII-355
1030/1010 MONITOR	X-279
1030/1090 MONITOR FAIL	IV-69, IV-88, V-44, V-58, VIII-132, VIII-312, VIII-326, XI-68, XI-90
1030/1090 MONITOR FAIL STATUS	I-47
A/D OFFSET FAIL	IX-21
ANTENNA A POWER >+1 dB OR <-3 dB	IV-69, IV-88, V-58, VIII-132, VIII-326, XI-68
ANTENNA B POWER >+1 dB OR <-3 dB	IV-69, IV-88, V-58, VIII-132, VIII-326, XI-68
B POWER SUPPLY FAIL	IV-66, VIII-130, XI-66
B SUPPLY	X-277
B SUPPLY FAIL	V-42, VIII-310, XI-88
BASEBAND CONVERTER	X-277
BASEBAND CONVERTER FAIL	IV-66, V-42, VIII-130, VIII-310, XI-66, XI-88
BATTERY	IV-13, VIII-104
BATTERY FAIL	IV-13, VIII-104, VIII-234, XI-59
BIT CARD WRAP AROUND FAIL	IV-72
BLANKING FAIL	IX-22
BLOCK DECODE FAIL, CURRENT LOOPBACK STATUS	VIII-136

FAIL (Continued)	<u>PAGES</u>
BLOCK DECODE FAIL, STATUS OF LOOPBACK TRANSMISSION	I-90
CHANNEL 1 CH1DV TO PTT70 WRAP TEST	VI-3, XI-19
CHANNEL 1 CVSD CLOCK	VI-3, XI-19
CHANNEL 1 DVSD CLOCK	XI-19
CHANNEL 1 LPC CLOCK	VI-3, XI-19, XI-20
CHANNEL 1 VOICE SERIAL I/O	VI-3
CHANNEL 1 VOICE SERIAL INPUT/OUTPUT	XI-19
CHANNEL 2 CH2DV TO PTT80 WRAP TEST	XI-20
CHANNEL 2 CH3DV TO PTT80 WRAP TEST FAIL	VI-3
CHANNEL 2 CVSD CLOCK	VI-3
CHANNEL 2 LPC CLOCK	VI-3, XI-19
CHANNEL 2 VOICE SERIAL I/O	VI-3
CHANNEL 2 VOICE SERIAL INPUT/OUTPUT	XI-20
CHRONOMETER	V-41, VIII-309, X-276, XI-87
CHRONOMETER FAIL	I-139, IV-26, IV-65, VIII-116, VIII-129, XI-65
COMPOSITE BLANKING FAIL	IX-19
CORRELATOR	X-277
CORRELATOR FAIL	IV-67, V-42, VIII-130, VIII-310, XI-66, XI-88
CPSM	X-277
CPSM FAIL	V-42, VIII-130, VIII-310, XI-66, XI-88
CPSM MODULATION TEST	VI-15
CPU FAIL	I-138
CTP	X-277
CTP BIT INIT WRAPAROUND FAIL	IV-73, V-46, VIII-134, VIII-314, XI-69, XI-91
CTP FAIL	IV-66, V-42, VIII-130, VIII-310, XI-66, XI-88
DDP FAIL	V-52, VIII-138, VIII-234, VIII-320, XI-74, XI-97
DDP FAIL INDICATOR WRAPAROUND	VIII-12
DDP-R/T INTERFACE FAIL	IV-67, VIII-130, XI-66, XI-88
DDP-RT INTERFACE	X-277
DDP-RT INTERFACE FAIL	V-42, VIII-310
DECODE FAIL	I-59
DIGITAL DATA PROCESSOR	VI-17, VIII-14, X-34, XI-33
DIGITAL DATA PROCESSOR FAIL	VII-12, IX-15
DIGITAL DATA PROCESSOR FLAG FAIL	IX-19
DIGITAL LOOPBACK	X-277
DIGITAL LOOPBACK FAIL	IV-66, V-42, VIII-130, VIII-310, XI-66, XI-88
DMA FAIL	IX-20
END OF SLOT FAIL	IX-20
EPROM CHECKSUM	VI-20
FREQUENCY COUNTER IFF FAIL STATUS	I-47
GLOBAL MEMEORY VERIFY	VI-3
GLOBAL MEMORY ADDRESS FAIL	I-139
GLOBAL MEMORY ADDRESS TEST	X-276
GLOBAL MEMORY ADDRESS TEST FAIL	IV-65, V-41, VIII-129, VIII-309, XI-87
GLOBAL MEMORY FAIL	I-139
GLOBAL MEMORY POINTER FAIL	IX-20
GLOBAL MEMORY TEST	X-276

FAIL (Continued)	<u>PAGES</u>
GLOBAL MEMORY TEST FAIL	IV-65, V-41, VIII-129, VIII-309, XI-87
HARD FAIL, POWER OUTPUT ANTENNA A STATUS	I-48
HARD FAIL, POWER OUTPUT ANTENNA B STATUS	I-48
HEADER DECODE FAIL, RECEIVED MESSAGE TAG	I-90
HEADER FAIL, CURRENT LOOPBACK STATUS	VIII-136
HEADER FAIL, STATUS OF LOOPBACK TRANSMISSION	I-90
HIGH POWER AMPLIFIER	X-34, XI-33
HIGH POWER AMPLIFIER FAIL	VIII-14, IX-15
HISTOGRAM LONG TERM	X-279
HISTOGRAM LONG TERM FAIL	IV-69, IV-88, V-44, V-58, VIII-132, VIII-312, VIII-326, XI-68, XI-90
HISTOGRAM SHORT TERM	X-279
HISTOGRAM SHORT TERM FAIL	IV-70, IV-88, V-44, V-58, VIII-132, VIII-312, VIII-326, XI-68, XI-90
HOST	IV-13, VIII-104
HOST FAIL	IV-13, VIII-104
HPA FAIL	I-155
HPA POWER	XI-28
HPAG FAIL	VIII-138, VIII-234, VIII-320, XI-74, XI-97
HPAG SRU	XI-81, XI-102
IF LOOPBACK FAIL	IV-65, V-41, VIII-129, VIII-309, XI-65, XI-87
IF/RF CPSM FAIL	I-48
IFF FREQUENCY COUNTER	X-279
IFF FREQUENCY COUNTER FAIL	IV-69, IV-88, V-44, V-58, VIII-132, VIII-312, VIII-326, XI-68, XI-90
INTERFACE UNIT	X-34, XI-33
INTERFACE UNIT FAIL	VIII-14, IX-15
INTERFACE UNT	VI-17
IPF	IV-14, VIII-105
IPF FAIL	IV-14, IV-88, V-52, V-58, V-110, VIII-105, VIII-132, VIII-138, VIII-245, VIII-320, VIII-326, VIII-355, XI-59, XI-68, XI-74, XI-97
IU FAIL	V-52, VIII-138, VIII-234, VIII-320, XI-74, XI-97
IU FAIL INDICATOR WRAPAROUND	VIII-12
JTIDS BLANKING OUTPUT FAIL	IX-19
LONG TERM HISTOGRAM FAIL STATUS	I-48
LOOPBACK	I-137
LOOPBACK DECODE	I-137
LOOPBACK DECODE FAIL	IV-76, XI-72
LOOPBACK TOA	I-137
LOWER ANTENNA (B) VSWR FAIL	VIII-234
MESSAGE	IV-14, VIII-105
MESSAGE FAIL	IV-14, V-52, V-110, VIII-105, VIII-138, VIII-320, VIII-355, XI-74, XI-97
MIC BIAS FAIL	VIII-134
MULTIPLE RECEIVER FAIL	V-43, VIII-311, XI-89
MULTIPLE SYNTHESIZER FAIL	V-43, VIII-311, XI-89
MUX 1 FAIL	V-46, VIII-314, XI-91
MUX 2 FAIL	V-46, VIII-314
MUX FAIL	IV-72, VIII-134, XI-69
MUX GM TEST FAIL	VIII-134, XI-69

FAIL (Continued)	<u>PAGES</u>
MUX MAILBOX	XI-91
MUX SELF TEST	XI-72
MUX WRAPAROUND FAIL	IX-21
NICAD BATTERY	X-282, XI-70
NICAD BATTERY FAIL	IV-74, V-47, V-52, VIII-138, VIII-315, VIII-320, XI-74, XI-92, XI-97
NICP CPU	X-276
NICP CPU FAIL	IV-65, V-41, VIII-129, VIII-309, XI-65, XI-87
NICP MAILBOX TEST FAIL	V-41, VIII-309, XI-87
NICP RAM	X-276
NICP RAM FAIL	IV-65, V-41, VIII-129, VIII-309, XI-65, XI-87
NICP ROM	X-276
NICP ROM FAIL	IV-65, V-41, VIII-129, VIII-309, XI-65, XI-87
NICP/PTP MAILBOX TEST	X-276
NICP/PTP MAILBOX TEST FAIL DETERMINED BY THE NICP	IV-65, VIII-129, XI-65
NICP/PTP MAILBOX TEST FAIL DETERMINED BY THE PTP	IV-65, VIII-129, XI-65
NO FAIL, HPA FIRST MOST PROBABLE SRU FAILURE	I-49
NO FAIL, HPA SECOND MOST PROBABLE SRU FAILURE	I-49
NO FAIL, HPA THIRD MOST PROBABLE SRU FAILURE	I-49
ONE OR MORE TEST MESSAGE FAILS	VIII-137, XI-73
OSCILLATOR	X-277
OSCILLATOR FAIL	IV-66, V-42, VIII-130, VIII-310, XI-66, XI-88
OUT OF BOUNDS FREQUENCY	X-279
OUT OF BOUNDS FREQUENCY FAIL	IV-69, IV-88, V-44, V-58, VIII-132, VIII-312, VIII-326, XI-68, XI-90
OUT-OF-BOUNDS FREQUENCY FAIL STATUS	I-47
OUTER PARITY FAIL, CURRENT LOOPBACK STATUS	VIII-136
OUTER PARITY FAIL, STATUS OF LOOPBACK TRANSMISSION	I-90
OVERTEMPERATURE FAIL	IX-19
PLAIN TEXT PROCESSOR	IV-27, VIII-117
PTP	X-277
PTP BIT INIT WRAPAROUND FAIL	IV-72, V-46, VIII-134, VIII-314, XI-69, XI-91
PTP FAIL	I-139, IV-66, V-42, VIII-130, VIII-310, XI-66, XI-88
PTP MAILBOX TEST FAIL	V-41, VIII-309, XI-87
PTP SELF TEST FAIL	IV-67, VIII-130, XI-66
PULSE WIDTH	X-279
PULSE WIDTH FAIL	IV-69, IV-88, V-44, V-58, VIII-132, VIII-312, VIII-326, XI-68, XI-90
PULSE WIDTH FAIL STATUS	I-47
R POWER SUPPLY FAIL	IV-66, VIII-130, XI-66
R SUPPLY	X-277
R SUPPLY FAIL	V-42, VIII-310, XI-88
R/T FAIL	I-139, IV-27, V-52, VIII-117, VIII-138, VIII-234, VIII-320, XI-74, XI-97
R/T FAIL INDICATOR WRAPAROUND	VIII-12
R/T SELF TEST FAIL	IX-22
R/T SRA FAIL	V-43, VIII-131, VIII-311, XI-67
R/T SRU	X-278, XI-89

FAIL (Continued)	<u>PAGES</u>
R/T SRU FAIL.....	IV-69
R/T TACAN COMM FAIL.....	VIII-133, VIII-313
R/T TDMA.....	X-278
R/T TDMA FAIL.....	IV-69, VIII-131, VIII-311, XI-67, XI-89
RAM FAIL.....	I-138, IX-19
RAM TEST.....	VI-3, XI-20
RECEIVER.....	X-278
RECEIVER (ONE OR MULTIPLE) FAIL.....	VIII-131, XI-67
RECEIVER CH 1 PLL FAILED.....	I-50
RECEIVER CH 2 PLL FAILED.....	I-50
RECEIVER CH 3 PLL FAILED.....	I-50
RECEIVER CH 4 PLL FAILED.....	I-50
RECEIVER CH 5 PLL FAILED.....	I-50
RECEIVER CH 6 PPL FAILED.....	I-50
RECEIVER CH 7 PLL FAILED.....	I-50
RECEIVER CH 8 PLL FAILED.....	I-50
RECEIVER FAIL.....	IV-68, VIII-245
RECEIVER TRANSMITTER UNIT.....	VI-17, VII-12, X-34, XI-33
RECEIVER TRANSMITTER UNIT FAIL.....	VIII-14, IX-15
REED SOLOMON FAIL.....	XI-66
REFERENCE TIME BASE.....	X-277, XI-88
REFERENCE TIME BASE FAIL.....	IV-66, VIII-130, VIII-310, XI-66
RERERENCE TIME BASE.....	VI-15
RFG.....	X-277
RFG FAIL.....	IV-66, V-42, VIII-130, VIII-310, XI-66, XI-88
ROM CHECKSUM.....	XI-20
ROM CHECKSUM TEST.....	VI-3
ROM FAIL.....	I-138, IX-20
RSED.....	X-277
RSED FAIL.....	IV-66
RT FAIL.....	I-43
RTT FAIL.....	I-43
RTT WRAPAROUND FAIL.....	I-54
RTT-A FAIL, RTT SUMMARY.....	I-142
RTT-A FAIL, RTT SUMMARY WORD.....	IV-31
RTT-B FAIL, RTT SUMMARY.....	I-142
RTT-B FAIL, RTT SUMMARY WORD.....	IV-31
SDU ALERT.....	VIII-234
SDU FAIL.....	VIII-234
SDU FLAG FAIL.....	IX-19
SECOND MOST PROBABLE SRU.....	XI-98
SELF TEST FAIL.....	IX-21
SERIAL LINK FAIL.....	IX-20
SHORT TERM HISTOGRAM FAIL STATUS.....	I-48
SICP.....	XI-33
SICP FAIL.....	I-139, IV-27, VIII-117
SICP MAILBOX FAIL.....	I-184
SICP MAILBOX FAIL WORD.....	VIII-267, X-2, X-3, X-4, X-5, X-6,
	X-7
SICP RAM.....	X-284
SICP RAM FAIL.....	IV-76, V-50, VIII-318, XI-72, XI-95
SICP ROM.....	X-284
SICP ROM FAIL.....	IV-76, V-50, VIII-318, XI-72, XI-95

FAIL (Continued)	PAGES
SICP SELF TEST	V-46, VIII-314, XI-91
SICP SELF TEST FAIL	IV-73, VIII-134, XI-69
SOFT FAIL, POWER OUTPUT ANTENNA A STATUS	I-48
SOFT FAIL, POWER OUTPUT ANTENNA B STATUS	I-48
SYNC DATA DET	X-277
SYNC DATA DET FAIL	IV-66, V-42, VIII-130, VIII-310, XI-66, XI-88
SYNTESIZER	X-278
SYNTESIZER (ONE OR MULTIPLE) FAIL	VIII-131, XI-67
SYNTESIZER CH 1 PLL FAILED	I-50
SYNTESIZER CH 2 PLL FAILED	I-50
SYNTESIZER CH 3 PLL FAILED	I-50
SYNTESIZER CH 4 PLL FAILED	I-50
SYNTESIZER CH 5 PLL FAILED	I-50
SYNTESIZER CH 6 PLL FAILED	I-50
SYNTESIZER CH 7 PLL FAILED	I-50
SYNTESIZER CH 8 PLL FAILED	I-50
SYNTESIZER FAIL	IV-68, VIII-245
TACAN FAIL	V-52, VIII-105, VIII-138, VIII-320, VIII-355
TACAN I/O	VI-20
TACAN IU FAIL	IV-74, V-47, VIII-135, VIII-315
TACAN LINK FAIL	IX-20
TACAN POWER SUPPLY FAIL	VIII-135, VIII-315
TACTICAL DATA SYSTEM FAIL	IV-40
TACTICAL DATA SYSTEMS	XI-59
TAILORED I/O FAIL	IV-77, V-50, VIII-134, VIII-314, VIII-318, XI-69, XI-91
TAILORED OUTPUT DISCRETE	X-281
TAILORED TDMA	X-281
TAILORED TDMA FAIL	IV-72, V-46, VIII-134, VIII-314, XI-69, XI-91
TASK SCHEDULE	IV-27, VIII-117
TASK SCHEDULE FAIL	I-139
TDMA FAIL	V-52, VIII-138, VIII-234, VIII-320, IX-15, XI-74, XI-97
TDMA FLAG FAIL	IX-19
TERMINAL	IV-14, VI-17, VIII-105, XI-60
TERMINAL FAIL	IV-14, V-52, V-110, VIII-105, VIII-138, VIII-320, VIII-355, XI-60, XI-74, XI-97
TEST	IV-14, VIII-105, XI-60
TEST FAIL	IV-14, VIII-105, XI-60
TEST MESSAGE BIT-BY-BIT COMPARE	I-137
TEST MESSAGE FAIL	V-51, VIII-319, XI-96
TEST RTT LOOPBACK	X-279
TEST RTT LOOPBACK FAIL	I-146
THIRD MOST PROBABLE FAIL	XI-98
TOA COMPARISON FAIL, CURRENT LOOPBACK STATUS	IV-76, VIII-136, XI-72
TOA COMPARISON FAIL, STATUS OF LOOPBACK TRANSMISSION	I-90
TRANSMISSION SHUTDOWN DUE TO IPF FAIL	IV-88, V-58, VIII-132, VIII-326, XI-68
TUNE MODE WRAP FAIL	IV-27, VIII-117
TUNE MODE WRAPAROUND	X-278

FAIL (Continued)	<u>PAGES</u>
TUNE MODE WRAPAROUND FAIL.....	I-43, I-139, IV-68, V-43, VIII-131, VIII-311, XI-67, XI-89
UNIT	IV-82, VIII-140, XI-76
UPPER ANTENNA (A) VSWR FAIL.....	VIII-234
VOICE 1 FAIL.....	IV-77, V-50, VIII-318, XI-72, XI-95
VOICE 2 FAIL.....	IV-77, V-50, VIII-318, XI-72, XI-95
VOICE DISCRETE REGISTER FAIL.....	IX-20
VOICE GM TEST WORD 1.....	XI-72
VOICE PROCESSOR TEST WORD 1 FAIL.....	V-50, VIII-318, XI-95
VOICE PROCESSOR TEST WORD 2 FAIL.....	IV-77, V-50, VIII-318, XI-72, XI-95
VSWR ANT A FAIL.....	V-55, VIII-323
VSWR ANT B FAIL.....	V-55, VIII-323
VSWR ANTENNA A FAIL.....	IV-84, VIII-143, XI-78
VSWR ANTENNA B FAIL.....	IV-84, VIII-143, XI-78
XMIT TIMING AND CONTROL FAIL.....	IV-66, V-42, VIII-130, VIII-310, X-277, XI-66, XI-88
FAILURE	
AGC FUNCTION.....	V-26, VIII-294
AGC FUNCTION FAILURE.....	IV-106, V-45, VIII-133, VIII-313
CPU.....	V-26, VIII-294
CPU FAILURE.....	IV-26, IV-106, V-45, VIII-116, VIII-133, VIII-313
DECODE FAILURE OCCURRED, RELAY TAG CONTROL.....	I-45
ETR FAILURE, ETR SUMMARY.....	I-142, IV-31
FAILURE INDICATOR.....	IV-106
FREQUENCY SPECTRUM FAILURE.....	IV-25
FREQUENCY SPECTRUM FAILURE, IPF FAILURES.....	I-138
GEODETIC OBSERVATION VALIDITY FAILURE.....	I-149, IV-116
GLOBAL MEMORY ADDRESS FAILURE.....	IV-26, VIII-116
GLOBAL MEMORY FAILURE.....	IV-26, VIII-116
GRID OBSERVATION VALIDITY FAILURE.....	I-149, IV-116
HARDWARE IPF FAILURE.....	I-145
HARDWARE IPF FAILURE, TRANSMISSION SHUTDOWN INDICATORS.....	IV-32, VIII-120
HPA MOST PROBABLE SRU.....	I-49
HPA SECONDS MOST PROBABLE SRU.....	I-49
HPA THIRD MOST PROBABLE SRU.....	I-49
IPF.....	I-145
IPF FAILURES.....	I-138, IV-25
IPF FREQUENCY SPECTRUM.....	IV-86, XI-79
IPF FREQUENCY SPECTRUM FAILURE.....	IV-86, V-56, VIII-324, XI-79
IPF POWER LIMIT FAILURE.....	IV-86, V-56, VIII-324, XI-79
IPF PULSE WIDTH FAILURE.....	IV-86, V-56, VIII-324, XI-79
IPF RADIATED ENERGY FAILURE.....	IV-86, V-56, VIII-324, XI-79
IPF UTILIZATION FAILURE.....	IV-86, V-56, VIII-324, XI-79
MOST PROBABLE MODULE FAILURE.....	I-51
MUX FAILURE.....	IX-7
NAV OBSERVATION FAILURE 1 THROUGH 6.....	I-171
NON-NAV SYNC OBSERVATION VALIDITY FAILURE.....	I-149
NUMBER OF SYNC OBSERVATION VALIDITY FAILURES.....	I-142, IV-30
PACKED 2 DP-FF CODED LOOPBACK.....	I-146
PACKED 2 DP-FT CODED LOOPBACK.....	I-146

FAIL (Continued)	PAGES
PACKED 2 SP-FF CODED LOOPBACK	I-146
PACKED 2 SP-FT CODED LOOPBACK	I-146
PACKED 2 SP-FT UNCODED LOOPBACK	I-146
PACKED 2-DP FF CODED MESSAGE TYPE FAILURE	IV-35, IV-75, XI-71
PACKED 2-DP FT CODED MESSAGE TYPE FAILURE	IV-35, IV-75, XI-71
PACKED 2-DP FT UNCODED LOOPBACK	I-146
PACKED 2-DP FT UNCODED MESSAGE TYPE	IV-75, XI-71
PACKED 2-DP FT UNCODED MESSAGE TYPE FAILURE	IV-35
PACKED 2-SP FF CODED MESSAGE TYPE FAILURE	IV-35, IV-75, XI-71
PACKED 2-SP FT CODED MESSAGE TYPE FAILURE	IV-36, IV-75, XI-71
PACKED 2-SP FT UNCODED MESSAGE TYPE	IV-36
PACKED 2-SP FT UNCODED MESSAGE TYPE FAILURE	IV-75, XI-71
PACKED 4 SP-FF CODED LOOPBACK	I-146
PACKED 4 SP-FT CODED LOOPBACK	I-146
PACKED 4 SP-FT UNCODED LOOPBACK	I-146
PACKED 4-SP FF CODED MESSAGE TYPE FAILURE	IV-36, IV-75, XI-71
PACKED 4-SP FT CODED MESSAGE TYPE FAILURE	IV-36, IV-75, XI-71
PACKED 4-SP FT UNCODED MESSAGE TYPE FAILURE	IV-36, IV-75, XI-71
PACKED-2 DP FF CODED MESSAGE TYPE FAILURE	V-48, VIII-316, XI-93
PACKED-2 DP FT CODED MESSAGE TYPE FAILURE	V-48, VIII-316, XI-93
PACKED-2 DP FT UNCODED MESSAGE TYPE FAILURE	V-48, VIII-316, XI-93
PACKED-2 SP FF CODED MESSAGE TYPE FAILURE	V-48, VIII-316, XI-93
PACKED-2 SP FT CODED MESSAGE TYPE FAILURE	V-48, VIII-316, XI-93
PACKED-2 SP FT UNCODED MESSAGE TYPE FAILURE	V-48, VIII-316, XI-93
PACKED-4 SP FF CODED MESSAGE TYPE FAILURE	V-48, VIII-316, XI-93
PACKED-4 SP FT CODED MESSAGE TYPE FAILURE	V-48, VIII-316, XI-93
PACKED-4 SP FT UNCODED MESSAGE TYPE FAILURE	V-48, VIII-316, XI-93
POWER LEVEL	V-26, VIII-294
POWER LEVEL FAILURE	IV-106, V-45, VIII-133, VIII-313
POWER LIMIT FAILURE	IV-25
POWER LIMIT FAILURE, IPF FAILURES	I-138
POWER UP SELF TEST	V-45, VIII-313
POWER-UP SELF TEST FAILURE	IV-106, VIII-133
POWER-UP SELF TESTS	V-26, VIII-294
PULSE WIDTH FAILURE	IV-25
PULSE WIDTH FAILURE, IPF FAILURES	I-138
R/T TACAN FAILURE	VIII-133

FAIL (Continued)	<u>PAGES</u>
RADIATED ENERGY FAILURE	IV-25
RADIATED ENERGY FAILURE, IPF FAILURES	I-138
RAM	V-26, VIII-294
RAM FAILURE	IV-26, IV-106, V-45, VIII-116, VIII-133,
RECEIVER SENSITIVITY	V-26, VIII-294
RECEIVER SENSITIVITY FAILURE	IV-106, V-45, VIII-133,
ROM	V-26, VIII-294
ROM FAILURE	IV-26, IV-106, VIII-116, VIII-133
RTT INT 2A LOOPBACK	I-146
RTT INT 2A MESSAGE TYPE FAILURE	IV-36, IV-76, V-49,
RTT INTERROGATION RECEIVE FAILURE MODIFIER	I-43
RTT INTERROGATION TRANSMIT FAILURE MODIFIER	I-43
SECOND MOST PROBABLE MODULE FAILURE	I-51
SICP/NICP MAILBOX TEST FAILURE DETERMINED BY THE SICP	IV-65, VIII-129, XI-65
SRA MOST PROBABLE FAILURE INDICATOR	IV-81, VIII-139
SRA SECOND MOST PROBABLE FAILURE INDICATOR	IV-81, VIII-139
SRA THIRD MOST PROBABLE FAILURE INDICATOR	IV-81, VIII-139
STANDARD FF CODED LOOPBACK	I-146
STANDARD FF CODED MESSAGE TYPE FAILURE	IV-35, IV-75, V-48,
STANDARD FT CODED LOOPBACK	I-146
STANDARD FT CODED MESSAGE TYPE FAILURE	IV-36, IV-75, V-48,
STANDARD FT UNCODED LOOPBACK	I-146
STANDARD FT UNCODED MESSAGE TYPE FAILURE	IV-35, IV-75,
SYNC OBSERVATION VALIDITY FAILURE	I-158
SYNTHESIZER FAILURE LOSS OF LOCK	IV-106, VIII-133
SYNTHESIZER LOSS OF LOCK	V-26, VIII-294
TACAN FAILURE INDICATION, TACAN CHANNEL NUMBER	VIII-97
TACTICAL DATA SYSTEM FAILURE	I-151
TEST RTT LOOPBACK FAILURE	IV-36, IV-88, V-48, V-58,
TESTT RTT LOOPBACK FAILURE	XI-90,
TESTT RTT LOOPBACK FAILURE	XI-93
THERMAL OVERLOAD FAILURE	VIII-245
THIRD MOST PROBABLE MODULE FAILURE	I-52
TRANSMISSION SHUTDOWN DUE TO IPF FAILURE	IV-86, V-56,
UTILIZATION FAILURE	VIII-324, XI-79
UTILIZATION FAILURE, IPF FAILURES	IV-25
FAILURE INDICATOR	I-138
FILE MARK	X-177
FILTER	
ALL TRACK NUMBERS	XI-46
IJMS ALL ADDRESSED TRACK NUMBER MESSAGE	XI-52
IJMS RECEIVED MESSAGE HEADER	XI-52
IJMS SECONDARY TRACK NUMBER MESSAGE	XI-52
IJMS SECONDARY TRACK NUMBER MESSAGES	XI-53
SECONDARY TRACK NUMBER	XI-46, XI-47

	<u>PAGES</u>
FINE SYNC	VIII-196, X-269
FINE SYNC ACHIEVED	I-5, I-135, I-142
FINE SYNC IN PROGRESS	I-135, I-142
FINE SYNC NOT ACHIEVED	I-145, IV-15, IV-32, VIII-106, VIII-120, XI-61
FIRST MOST PROBABLE SRU FAIL	XI-98
FIRST TRY BUS	X-17
FIRST VALID WORD NUMBER	I-127
FIXED FORMAT	VIII-186
FIXED FORMAT MESSAGES	I-82
FLIGHT LEADER	VIII-196, VIII-231
FLIGHT LEADER INDICATOR	III-44, VIII-46
FLIGHT MEMBER TNS	VIII-44
FLOATING DIVIDE BY ZERO	I-135, I-139, IV-26, VIII-116
FLOATING POINT DIVIDE BY ZERO	IV-26, VIII-116
FLOATING POINT OVERFLOW	I-135, I-138, IV-26, VIII-116
FLYCATCHER	VIII-249
FLYCATCHER CONTROL	VIII-89
FLYCATCHER CONTROL WORD	VIII-89
FLYCATCHER FUNCTION	VIII-59
FLYCATCHER INPUT WORDS	VIII-87, VIII-88 10-20)
FLYWHEEL	VIII-89
FORCE TELL INDICATOR	I-99
FREE INERTIAL	III-44, VIII-46
FREE RELAY BUFFER	I-117
FREE RELAY BUFFER	I-11, I-13
FREE TEXT CODED	VIII-187
FREE TEXT MESSAGE WITHOUT NPG	X-150
FREE TEXT UNCODED	VIII-187
FREEZE TIME	I-135, I-139, IV-27, VIII-117
FREQUENCY CORRECTION	I-144, I-181, IV-31
FREQUENCY COUNTER IFF FAIL STATUS	I-47
FREQUENCY SPECTRUM FAILURE	I-138, IV-24, IV-25, VIII-114
FULL SYNC	I-15

--G--

GENERAL REGISTER	V-32, VIII-300
GEO-FIX DATA	I-97
GEO-FIX OBSERVATION SCREENED	I-124, I-136, I-147, IV-37, IV-38, IV-61, IV-62
GEODETIC ALTITUDE	I-119, IV-56, VIII-258
GEODETIC AZIMUTH QUALITY	VIII-264
GEODETIC BUFFER PARTITIONING	I-174
GEODETIC COURSE	VIII-260
GEODETIC EAST VELOCITY	VIII-258
GEODETIC HORIZONTAL POSITION QUALITY	VIII-264
GEODETIC HORIZONTAL VELOCITY QUALITY	VIII-264
GEODETIC LATITUDE	I-119, IV-56, VIII-257
GEODETIC LONGITUDE	I-119, IV-56, VIII-257
GEODETIC NORTH VELOCITY	VIII-258
GEODETIC OBSERVATION VALIDITY	IV-116
GEODETIC OBSERVATION VALIDITY FAILURE	I-136, I-149

	<u>PAGES</u>
GEODETIC POSITION FIX DATA.....	I-104
GEODETIC POSITION QUALITY..... I-125, I-141, I-148, IV-29, IV-38,	IV-63
GEODETIC POSITION VALID.....	VIII-209
GEODETIC X SPEED.....	I-119, IV-56
GEODETIC Y SPEED.....	I-119, IV-56
GLOBAL MEMORY	
FIXED ADDRESS MEMORY.....	VIII-266
NON-VOLATILE RAM.....	VIII-278
GLOBAL MEMORY ADDRESS FAIL.....	I-135, I-139
GLOBAL MEMORY ADDRESS FAILURE.....	IV-26, VIII-116
GLOBAL MEMORY ADDRESS TEST FAIL..... V-41, VIII-309, X-276, XI-87	
GLOBAL MEMORY FAIL..... I-135, I-139, IV-26, VIII-116	
GLOBAL MEMORY FAILURE.....	IV-26, VIII-116
GLOBAL MEMORY POINTER FAIL.....	IX-19, IX-20
GLOBAL MEMORY TEST FAIL..... V-41, VIII-309, X-276, XI-87	
GLOBAL SERVICE REQUEST.....	VIII-227
GM ADDRESS TEST FAIL.....	IV-65, VIII-129, XI-65
GM POINTERS.....	VIII-14
GM TEST FAIL.....	IV-65, VIII-129, XI-65
GM/TIO COMMUNICATION GOOD.....	VI-21
GOOD RADIO.....	V-26, VIII-294
GREENWICH MEAN TIME.....	IV-89
GRID BUFFER PARTITIONING.....	I-174
GRID ID.....	I-122
GRID OBSERVATION VALIDITY FAILURE..... I-136, I-149, IV-116	
GRID ORIGIN LATITUDE.....	I-162
GRID ORIGIN LONGITUDE.....	I-162
GROUND POINT.....	XI-43
GROUP INDICATOR.....	VIII-189

--H--

HARD WIRED ADDRESS LINES.....	VIII-7, IX-8
HARDWARE FREQUENCY CORRECTION.....	I-143
HARDWARE IPF FAILURE.....	I-145, IV-32, VIII-120
HEADER BLOCK ERROR.....	I-59, I-94, I-96
HEADER TOA.....	I-93, I-94
HEADER VALIDITY.....	X-251
HEADING VALID.....	VIII-209
HEIGHT UNCERTAINTY.....	III-27, VIII-33
HIGH OVER TEMP CONDITION.....	I-48
HIGH POWER AMPLIFIER.....	I-5, I-49
HIGH POWER AMPLIFIER FAIL..... VIII-14, VIII-138, IX-15, X-34, XI-33,	
.....	XI-74
HIGH POWER MODE.....	I-19
HISTOGRAM FAIL STATUS	
LONG TERM.....	I-47
SHORT TERM.....	I-47
HISTOGRAM LONG TERM FAIL..... IV-69, IV-88, V-44, V-58, VIII-132,	
.....	VIII-312, VIII-326, X-279, XI-68, XI-90
HISTOGRAM SHORT TERM FAIL..... IV-70, IV-88, V-44, V-58, VIII-132,	
.....	VIII-312, VIII-326, XI-68, XI-90

	<u>PAGES</u>
HISTORGRAM SHORT TERM FAIL.....	X-279
HOP COUNT I-85, V-104, VIII-45, VIII-349	III-123
HORIZONTAL POSITION AND HEIGHT UNCERTAINTY	III-26
HORIZONTAL POSITION FIX QUALITY	VIII-210
HORIZONTAL POSITION UNCERTAINTY	III-25
HORIZONTAL VELOCITY TIME CONSTANT	I-116
HOST ASSIGNED LOOPBACK ID	VIII-185
HOST BIT INITIATE	IX-13
HOST DEFINED NPG	XI-50
HOST FAIL..... IV-13, V-109, VIII-104, VIII-354, XI-59	I-151, IV-40, IV-41
HOST INTERFACE INACTIVE	VIII-246
HOST NET MANAGER	III-122
HOST NPG FILTERS	III-7, III-25, VIII-21
BIT VALUES	III-25
BLOCK 1 WORD 12	III-25
HOST REQUEST	III-18
HOT STANDBY	XI-51, XI-83
HPA	I-47
HPA FAIL	I-155
HPA GOOD	VIII-9, IX-12, X-29, XI-28
HPA HIGH POWER TRANSMISSION	VIII-22
HPA MOST PROBABLE SRU FAILURE	I-49
HPA NOT PRESENT	VIII-23
HPA OUTPUT LEVEL	I-19, III-15, VIII-26, XI-42
HPA POWER FAIL	XI-28
HPA PRESENT	I-19, III-8, III-10, VIII-22, VIII-23, VIII-24, XI-40
HPA SECOND MOST PROBABLE SRU FAILURE	I-49
HPA THIRD MOST PROBABLE SRU FAILURE	I-49
HPA/PA OVER TEMPERATURE	V-44, VIII-312, XI-90
HPA/PA OVERRIDE	I-17
HPAG FAIL	VIII-138, VIII-234, XI-74
HPAG SRU FAIL	XI-81, XI-102

-- I --

IF LOOPBACK FAIL.....	IV-65, V-41, VIII-129, VIII-309, X-276, XI-65,	XI-87
IF/RF CPSM FAIL.....	I-48	
IFF CODES.....	III-166	
IFF EMERGENCY.....	IX-13	
IFF FREQUENCY COUNTER FAIL.....	IV-69, IV-88, V-44, V-58, VIII-132,	
.....	VIII-312, VIII-326, X-279, XI-68, XI-90	
IJMS ALL ADDRESSED TRACK NUMBER MESSAGE FILTER.....	XI-52	
IJMS RECEIVED MESSAGE HEADER FILTER.....	XI-52	
IJMS SECONDARY TRACK NUMBER MESSAGE FILTER.....	XI-52	
IJMS SECONDARY TRACK NUMBER MESSAGES FILTER.....	XI-53	
ILLEGAL COMMAND.....	X-177	
ILLEGAL CPU CLOCK STATE INTERRUPTS.....	IV-34	
ILLEGAL INSTRUCTION INTERRUPTS.....	IV-34	
INCOMPLETE MULTI-BLOCK TRANSFER.....	X-150	

	<u>PAGES</u>
INCOMPLETE OPERATION	X-177
INDEX SLOT NUMBER	III-54, III-59, III-148
INERTIAL NAVIGATION SYSTEM TYPE	VIII-80
INITIAL ENTRY MESSAGE	III-30
INITIALIZATION BLOCK	IV-19, VIII-110, X-271, XI-62
INITIALIZATION BLOCK 57	
IGNORING THE BLOCK	VIII-85
INITIALIZATION BLOCK REQUEST	XI-57
INITIALIZATION COMPLETE	IV-15, V-111, VIII-106, VIII-107, VIII-356, X-270, XI-61
INITIALIZATION DATA	III-15, VIII-26, VIII-174
BLOCK 0	III-3, VIII-19
BLOCK 1	III-7, VIII-21
BLOCK 10	III-69
BLOCK 12	III-71
BLOCK 13	III-72
BLOCK 14	III-73
BLOCK 15	III-74
BLOCK 16	III-75, VIII-55
BLOCK 17	III-84
BLOCK 18	III-88
BLOCK 19	III-89
BLOCK 2	III-40, VIII-43
BLOCK 20	III-90
BLOCK 22	III-96
BLOCK 23	III-98
BLOCK 24	III-102, VIII-64
BLOCK 25 THROUGH 55	VIII-66, VIII-67
BLOCK 3	III-52
BLOCK 4	III-63
BLOCK 44	III-119, VIII-68
BLOCK 56	VIII-71
BLOCK 57	VIII-83
BLOCK 58	VIII-86
BLOCK 59	III-133
BLOCK 60	III-135
BLOCK 60 THROUGH 62	VIII-90
BLOCK 63	III-151, VIII-91
BLOCK 7	III-66
BLOCK 8	III-67
BLOCK 9	III-68
SACP	III-1
TERMINAL RESPONSE	III-15, VIII-26
WORD 1	III-4
WORD 2	III-4
INITIALIZATION DATA REQUIRED	IV-16, V-111, VIII-107, VIII-356, X-270, XI-62
INITIALIZATION FROM AOCP	X-269
INITIALIZATION RESPONSE WORDS FOR EACH BIT OF EACH DATA FIELD .	I-128
INITIALIZATION STATUS	VIII-233
INITIATE NET ENTRY	VIII-196
INITIATE ROM CHECKSUM	X-42
INPUT BUFFER LOADED	V-96, VIII-341

	<u>PAGES</u>
INPUT MUX BLOCK.....	V-60, VIII-328, XI-103
INPUT PRIORITY	III-14, III-15, VIII-26, VIII-46, VIII-95
INPUT STATUS DISCRETE WORD 1	VII-6
INPUT/OUTPUT	I-1
INTERFACE UNIT FAIL.....	VI-17, VII-12, VIII-14, VIII-138, IX-15, X-34, XI-74
(IUF)	XI-33
INTERFERENCE PROTECTION FEATURE	VIII-231
INTERFERENCE PROTECTION FEATURE FAIL.....	VIII-245
INTERFERENCE PROTECTION FEATURE OVERRIDE	III-8, III-9, VIII-22, VIII-23, XI-40
INTERFERENCE PROTECTION FEATURE RESET	I-16, I-18, III-160, VIII-95, VIII-196
INTERNAL NPG NUMBER	V-103, VIII-348
INTERNAL WRAPAROUND	X-39
INTERRUPT STATUS REGISTER	V-32, VIII-300
INTRACYCLE TIME	I-104
INTRASLOT TIME	I-108
INVALID DTB START WORD	I-135, I-139, IV-27, VIII-117
IPF ALARMS	I-145
IPF FAIL	IV-14, IV-79, IV-88, V-58, VIII-105, VIII-132, VIII-138, VIII-245, VIII-326, X-268, XI-59, XI-68, XI-74
IPF FAILURE	I-145
IPF FAILURES	I-138, IV-25
IPF FREQUENCY SPECTRUM FAILURE	XI-101
IPF MODE	I-138, IV-25, VIII-115
IPF PACKING LIMIT EXCEEDED	X-149
IPF POWER LIMIT FAILURE	IV-86, XI-79, XI-101
IPF PULSE WIDTH FAILURE	XI-101
IPF RADIATED ENERGY FAILURE	IV-86, XI-79, XI-101
IPF RESET	VIII-231, IX-13
IPF RESET CONTROL FEEDBACK	VIII-231
IPF UTILIZATION FAILURE	IV-86, XI-79, XI-101
IU FAIL	IV-79, VIII-138, VIII-234, XI-74
IU FAIL INDICATOR WRAPAROUND	VII-10, VIII-12, X-32, XI-31
IU FLKAG WRAPAROUND INDICATION FALSE	IV-72
IU TACAN GOOD	IX-21

--J--

JINTACCS JTIDS TIDP	I-58, I-109, III-13, III-46, III-91, III-166, VIII-47, VIII-101, VIII-190, VIII-191
JTIDS BLANKING OUTPUT FAIL	IX-19
JTIDS SOURCE TRACK NUMBER	VIII-248

--K--

KALMAN BOUNDARY TIME	I-174
KALMAN FILTER	I-124
KALMAN FILTER ALTERATION	I-147, IV-37, IV-61
KALMAN FILTER ALTERATION ACTION	I-124, I-136
KALMAN FILTER FREQUENCY OFFSET	I-146

	<u>PAGES</u>
KALMAN FILTER FREQUENCY OFFSET STATE	IV-36
KALMAN FILTER OBSERVATION	III-17
KALMAN FILTER RESET	I-124, I-136, I-147, IV-37, IV-61

--L--

LATITUDE	I-99, I-100
COMMON GRID ORIGIN	I-122
ESTIMATED GRID-ORIGIN	I-121
LATITUDE OF FIX	I-104
LATITUDE VALID	IV-48, VIII-125
LENGTH	I-84, VIII-181
LEVER ARM	I-99, I-103, IV-53
LEVER ARM VALID	IV-48, VIII-125
LOAD COMMAND	III-3, VIII-19
BLOCK 0 WORD 3	III-5
LOAD COMPLETE	IV-19, VIII-110, X-271, XI-62
LONG TERM HISTOGRAM FAIL STATUS	I-47
LONG TERM TRANSMIT INHIBIT	IV-161, VIII-9, VIII-25, VIII-78, VIII-106, VIII-202, IX-13, IX-15, IX-21
LONG TERM TRANSMIT INHIBIT CONTROL	VIII-78
LONG TERM TRANSMIT INHIBIT ON	VIII-9
LONG TERM TRANSMIT INHIBIT STATUS	VIII-231
LONGITUDE	I-99, I-100, X-90
COMMON GRID ORIGIN	I-122
ESIMATED GRID-ORIGIN	I-121
LONGITUDE OF FIX	I-104
LONGITUDE VALID	IV-48, VIII-125
LOOPBACK DECODE FAILS	I-137, XI-96
LOOPBACK ERROR	X-149
LOOPBACK FAILS	I-137
LOOPBACK ID	I-96, VIII-185, VIII-240
DUPLICATE	VIII-185
NON-ZERO	VIII-185
LOOPBACK MESSAGE - RTT INTERROGATION	I-64
LOOPBACK MESSAGE - RTT REPLY	I-65
LOOPBACK PATH	VIII-22, VIII-30
LOOPBACK SELECT	III-152, III-153, VIII-92, VIII-93, XI-54
LOOPBACK SOURCE	VIII-240
LOOPBACK STATUS	V-49, VIII-317, X-149, X-284, XI-94
LOOPBACK STATUS CONTROL	VIII-78
LOOPBACK TOA FAILS	I-137, XI-96
LOOPBACK VALUE BEYOND R/T	VIII-41
LOOPBACK VALUE BEYOND R/T ON ANTENNA B	VIII-41
LOW OVERTEMP CONDITION	I-48
LOW PA OVERTEMP	XI-100
LOW POWER AMPLIFIER OVER TEMPERATURE	V-55, VIII-323
LOW POWER MODE	I-19
LOW POWER OUTPUT	VIII-245
LOWER ACCUMULATOR	V-32, VIII-300
LOWER ANTENNA (B) VSWR FAIL	VIII-234
LOWER B REGISTER	V-32, VIII-300
LRU BIT INITIATE	VI-13, VI-17

PAGES

--M--

	<u>PAGES</u>
MAILBOX COUNT	I-182, I-183
MAILBOX TEST	I-53
MAILBOX TEST FAIL	X-276
MAJOR NUMBER	I-56
MANTISSA	IV-3
MANUAL BIT IV-16, VIII-105, VIII-106, VIII-107, VIII-136, XI-62	XI-62
MANUALLY INITIATED BIT	X-268
MASK REGISTER	V-32, VIII-300
MAXIMUM NUMBER OF COUNTS FOR OUT-OF-BOUNDS FREQUENCIES	I-22
MEMORY MANAGEMENT	V-32, VIII-300
MESSAGE ALERT	X-267, XI-59
MESSAGE ERROR	VIII-156, VIII-177, VIII-246
MESSAGE FAIL IV-13, IV-14, IV-79, V-110, VIII-104, VIII-105,	VIII-138, VIII-355, XI-74
MESSAGE HEADERS	
PROVISION OF	VIII-62
MESSAGE ID	I-82
MESSAGE LENGTH INDICATOR	VIII-189
MESSAGE METERING	X-254
MESSAGE NOT ACKNOWLEDGED	IV-78, V-51, VIII-319, XI-96
MESSAGE NOT REPEATABLE	X-150
MESSAGE PRIORITY	I-85
MESSAGE RATE	VIII-72
MESSAGE RECEIVED	I-42
MESSAGE SECURITY VARIABLE III-53, III-57, III-58, III-62,	VIII-50, VIII-54
MESSAGE STATUS	I-132, V-117, VIII-362
MESSAGE STATUS CHANGE	I-132, I-133
MESSAGE STATUS DTB	III-48, VIII-48
MESSAGE STRUCTURE	III-101, VIII-63
MESSAGE TAG	I-134
MESSAGE TO TRANSMIT	I-81
MESSAGE TO TRANSMIT DTB	III-47, VIII-48
MESSAGE TRANSMITTED ONCE ONLY	X-150
MESSAGE TYPE I-8, I-10, I-60, I-91, I-95, VIII-248	VIII-248
MESSAGE TYPE AND MESSAGE LENGTH REPLACEMENT FLAG	I-186
MESSAGE TYPE FIELD	I-94
MESSAGE TYPE REPLACEMENT WORD	I-187
MESSAGES NOT ACKNOWLEDGED	I-137
METERED NPG BUFFER FULL INDICATORS	X-152
MIC BIAS GOOD	IX-10
MICROMUX DMA TEST WORD	VI-8
MICROMUX HIC FIRMWARE VERSION #	VI-11
MICROMUX MAILBOX WORD 2	VI-10
MICROMUX SELF-TEST BIT SUMMARY	VI-9
MIDNIGHT	I-4
MINI SYNC	I-14
MINOR NUMBER	I-56
MISALIGNMENT CORRECTION	I-123
MISSION CORRELATOR	III-46
MOD BIT SAMPLE GOOD	VII-10
MOD BIT SAMPLE GOOD DURING 41ST DATA	VIII-12, VIII-13

	<u>PAGES</u>
MOD BIT SAMPLE GOOD DURING 41ST GAP	VIII-12, VIII-13
MODE 4 ACTIVE	X-34
MODE 4 ENABLE	XI-28
MODE 4 ENABLED	VI-13, VII-8, IX-10
MODE CONTROL	IX-11
MODE OF OPERATION	V-32, VIII-300
DISPLAY REGISTER	V-32, VIII-300
ENABLE PROGRAM INTERRUPT	V-32, VIII-300
INHIBIT PROGRAM INTERRUPT	V-32, VIII-300
LOAD REGISTER	V-32, VIII-300
ONE-STEP AND DISPLAY REGISTER	V-32, VIII-300
READ MEMORY	V-32, VIII-300
SNAP-SHOT	V-32, VIII-300
WRITE MEMORY	V-32, VIII-300
MODE WORD	I-137
MODULATOR CONTROL	I-13
MOMENTARY TRANSMIT INHIBIT	VIII-106, VIII-115, IX-12
MOST PROBABLE MODULE FAILURE	I-47, I-51
(FIRST)	I-47, I-51
SECOND	I-47, I-51
THIRD	I-47, I-52
MOTION	X-177
MS	I-133
MSEC CRYPTOVARIABLE LABEL	I-153, IV-43
MULTIPLE RECEIVER FAIL	V-43, VIII-311, XI-89
MULTIPLE SYNTHESIZER FAIL	V-43, VIII-311, XI-89
MUX 1 FAIL	V-46, VIII-314, XI-91
MUX 2 FAIL	V-46, VIII-314
MUX ADDRESS	IX-8, IX-14
MUX BIT WORD	VIII-8, IX-8
MUX Bus Command	VIII-3
MUX BUS COMMAND WORD	VIII-3
MUX bus controller	VIII-4
MUX BUSY BIT	VIII-14
MUX CONTROL WORD	VIII-7, IX-8
MUX DATA	III-48, VIII-49
MUX DATA RECORDING FILTER WORDS	VIII-59
MUX DISABLE	VII-14, XI-36
MUX GM TEST FAIL	VIII-134, XI-69
MUX GOOD	VI-13, VII-8, VIII-9, IX-10, XI-28
MUX MAILBOX FAIL	XI-91
MUX PARITY	IX-8, IX-14
MUX RECEIVE DATA BUFFERS	VIII-3
MUX receive mode	VIII-3
MUX SELF TEST FAIL	XI-72
MUX SELF TEST INITIATE	XI-34
MUX SELF-TEST WORD	VIII-7
MUX TRANSMIT MODE	VII-5
MUX WRAPAROUND FAIL	IX-21

PAGES

--N--

	<u>PAGES</u>
NAV DATA TIME TAG	VIII-256
NAV OBSERVATION FAILURE 1 THROUGH 6	I-171
NAV OBSERVATION INNOVATIONSI-173	
NAV OBSERVATION PSEUDO-RANGE	I-172
NAV OBSERVATION RANK	I-172
NAV OBSERVATION TIME	I-169
NAV OBSERVATION TYPE	I-169, I-170, I-171
NAV OBSERVATION TYPE FOR OBSERVATION 1	I-169
NAV OBSERVATION TYPE FOR OBSERVATION 2	I-170
NAV OBSERVATION TYPE FOR OBSERVATION 3	I-170
NAV OBSERVATION TYPE FOR OBSERVATION 4	I-170
NAV OBSERVATION TYPE FOR OBSERVATION 5	I-171
NAV OBSERVATION TYPE FOR OBSERVATION 6	I-171
NAV STATE	IV-49, VIII-126
NAV STATE Q3	I-163
NAV SYSTEM IN USE	VIII-208
NAV SYSTEM TYPE	VIII-255
NAV VALIDITY	VIII-256
NAV/SYNC FILTER QUALITIES	IV-6
NAV/SYNC TRANSMIT QUALITIES	IV-7
NAVIGATION DATA FROM NICP DTB	III-47, VIII-48
NAVIGATION DATA FROM SICP DTB	III-47, VIII-48
NAVIGATION MECHANIZATION	I-110, I-111
NAVIGATION RESET	III-160, VIII-95
NAVY AIR ONLY	
ADVANCE VALUE	VIII-76
ADVANCED SLOT NOTIFICATION	VIII-76, VIII-203
ADVANCED SLOT NOTIFICATION MODE SELECTION	VIII-75
ADVANCED SLOT NOTIFICATION STATUS	VIII-243
AGC FUNCTION FAILURE	VIII-133
AIR PLATFORM AND SYSTEM STATUS MESSAGE	VIII-191
AIRBORNE INDICATOR	VIII-46
ALL TRACK NUMBERS FILTER	VIII-58
ALTITUDE QUALITY	VIII-264
ALTITUDE VALID	VIII-209
ASN	VIII-192
ASN/CB CONTROL	VIII-192
ASN/CB SPECIFIC SLOTS WORD 1	VIII-192
ASN/CB SPECIFIC SLOTS WORD 2	VIII-192
ASN/CB SPECIFIC SLOTS WORD 3	VIII-192
ASN/CB SPECIFIC SLOTS WORD 5	VIII-192
ASN/CB SPECIFIC SLOTS WORD 6	VIII-192
BAILOUT INDICATOR	VIII-46
BIT DATA RESULTS NOT VALID	VIII-106
BIT REFUSAL	VIII-106
COMPOSITE BLANKING	VIII-203
COMPOSITE BLANKING ENABLE	VIII-76
COMPOSITE BLANKING LOGIC LEVEL	VIII-76, VIII-203, VIII-244
COMPOSITE BLANKING STATUS	VIII-243
CONTINUATION FLAG	VIII-227
CPU FAILURE	VIII-133

NAVY AIR ONLY (Continued)

PAGES

DATA AGE	VIII-188
DATA TYPE	VIII-250, VIII-256
DATA WORDS WHEN FLYCATCHER DISABLED	VIII-249
DATA WORDS WHEN FLYCATCHER ENABLED	VIII-249
DEFAULT NET	VIII-84
DME DELAY	VIII-99
EMERGENCY	VIII-231
EMERGENCY INDICATOR	VIII-46
EXCITER OUTPUT CONTROL	VIII-23
FLIGHT LEADER	VIII-196, VIII-231
FLIGHT LEADER INDICATOR	VIII-46
FLYCATCHER	VIII-249
FLYCATCHER CONTROL	VIII-89
FLYCATCHER CONTROL WORD	VIII-89
FLYCATCHER INPUT WORDS	VIII-87, VIII-88, VIII-89
FUNCTION REQUEST	VIII-87
GEODETIC ALTITUDE	VIII-255
GLOBAL SERVICE REQUEST	VIII-227
GROUP INDICATOR	VIII-189
HORIZONTAL POSITION QUALITY	VIII-210
HOST ASSIGNED LOOPBACK ID	VIII-190
HOST ASSIGNED LOOPBACK ID FOR THIS MESSAGE	VIII-188
HOST DEFINED ID OF THE TARGET TRACK	VIII-189
HOST MESSAGE FILTER WORDS	VIII-56
HOST NPG FILTER STATUS	VIII-229
HOST NPG FILTER WORDS	VIII-75
HPA OUTPUT LEVEL	VIII-26
HPA PRESENT	VIII-24
INCREMENT/DECREMENT SIZE	VIII-88
INERTIAL NAVIGATION SYSTEM	VIII-80
INPUT PRIORITY	VIII-26
LENGTH	VIII-227
LOOPBACK DELAY VALUE	VIII-41
LOOPBACK PATH	VIII-30
MESSAGE LENGTH INDICATOR	VIII-189
MESSAGE RATE	VIII-72
MESSAGE STRUCTURE	VIII-63
MIC BIAS FAIL	VIII-134
MODE	VIII-98
MOMENTARY TRANSMIT INHIBIT	VIII-115
MUX DATA RECORDING FILTER WORDS	VIII-59
MUX FAIL	VIII-134
NAV SYSTEM IN USE	VIII-208
NET FOR THE CORRESPONDING NPG	VIII-85
NET PARTICIPATION GROUP	VIII-77
NET SELECTION COUNTER	IV-17, VIII-108, VIII-254
NET SELECTION INPUTS WORD #1	VIII-192
NET SELECTION INPUTS WORD #2	VIII-192
NET SELECTION STATUS	IV-17, VIII-108, VIII-253
NO R/T ACKNOWLEDGEMENT	VIII-133
NPG A	VIII-74
NPG FOR WHICH THE NET CHANGE WAS REQUESTED	IV-17, VIII-108

NAVY AIR ONLY (Continued)	<u>PAGES</u>
NPG ON WHICH THE NET CHANGE WAS REQUESTED	VIII-254
NUMBER OF TARGET SORTING A BUFFERS AVAILABLE	VIII-243
NUMBER OF TARGET SORTING B BUFFERS AVAILABLE	VIII-243
NUMBER OF TARGET SORTING BUFFERS AVAILABLE	VIII-229
PHYSICAL MEMORY ADDRESS FOR DATA	VIII-88
PLATFORM ACTIVITY	VIII-47
PLATFORM ALTITUDE	VIII-207, VIII-214
PLATFORM AZIMUTH MISALIGNMENT CORRECTION	VIII-255
PLATFORM ID	VIII-47
PLATFORM INDICATORS	VIII-46
PLATFORM PITCH	VIII-216
PLATFORM ROLL	VIII-215
PLATFORM TRANSMIT TYPE	VIII-30
PLATFORM TYPE	VIII-29
PLATFORM VERTICAL VELOCITY	VIII-207, VIII-218
POWER LEVEL FAILURE	VIII-133
POWER TEST	VIII-98
POWER-UP SELF TEST FAILURE	VIII-133
PRIMARY TRACK NUMBER FILTER	VIII-58
PRIORITY	VIII-191
R/T TACAN COMM FAIL	VIII-133
R/T TACAN FAILURE INDICATOR	VIII-133
RAM FAILURE	VIII-133
RECEIVE ANTENNA CONFIGURATION	VIII-24
RECEIVE ONLY	VIII-77
RECEIVER SENSITIVITY FAILURE	VIII-133
RELAY RECEIVE	VIII-77
RELAY TRANSMIT	VIII-77
RELAY TRANSMIT OVER RELAY RECEIVE	VIII-77
REQUESTED NET	VIII-204
REQUESTED NET NUMBER	IV-18, VIII-109, VIII-254
REQUESTED NET PARTICIPATION GROUP	VIII-204
ROM FAILURE	VIII-133
SECONDARY TRACK NUMBER FILTER	VIII-58
STATUS	VIII-190
SYNTHESIZER FAILURE LOSS OF LOCK	VIII-133
TACAN ANTENNA A CABLE DELAY	VIII-98
TACAN ANTENNA B CABLE DELAY	VIII-99
TACAN ANTENNA PORT SELECT	VIII-98
TACAN CHANNEL NUMBER	VIII-97
TACAN DATA	VIII-49, VIII-253
TACAN FAIL	VIII-105, VIII-138, VIII-320
TACAN IU FAIL	VIII-135
TACAN ONLY	VIII-120
TACAN OUTPUT PARAMETERS	VIII-99
TACAN POWER SUPPLY FAIL	VIII-135
TACAN POWER TEST	VIII-98
TACAN STOP	VIII-93
TACAN STOP TRANSPOND	VIII-93
TADIL C ADDRESS	VIII-101
TAILORED I/O FAIL	VIII-318
TARGET SORTING MESSAGE DATA	VIII-190
TERMINAL INPUT MESSAGE 17	VIII-166

2NAVY AIR ONLY (Continued)	<u>PAGES</u>
TERMINAL OUTPUT MESSAGE	VIII-155
TERMINAL OUTPUT MESSAGE 29	VIII-155
TEST FAIL	VIII-105
TIME OF COMPUTATION	VIII-214, VIII-216, VIII-255, VIII-265
TIME OF DAY	VIII-227
TIME OF UPDATE	VIII-211
TIME TAG	VIII-250
TRACK NUMBER INDICATOR	VIII-44
TRANSMIT ANTENNA	VIII-202
TRANSMIT ANTENNA C CABLE DELAY	VIII-38
TRANSMIT ONLY	VIII-77
TRANSMIT OVER RECEIVE	VIII-77
TRANSMIT OVER RELAY RECEIVE	VIII-77
TRANSMIT/RECEIVE	VIII-98
VALIDITY	VIII-203, VIII-204
VERTICAL POSITION FIX QUALITY	VIII-210
WIND EAST VELOCITY	VIII-207, VIII-221
WIND NORTH VELOCITY	VIII-207, VIII-221
X MODE/Y MODE	VIII-98
 NAVY BLOCK II ONLY	
ACCESS DESCRIPTION	VIII-50
AVERAGE NUMBER OF WORDS PER MESSAGE	III-124
BASIC BLOCK RECURRENCE RATE	VIII-151
BASIC BLOCK RECURRENCE RATE MODIFIER	III-122
BUFFER 1 STATUS	VIII-241
BUFFER 2 STATUS	VIII-241
BUFFER 3 STATUS	VIII-242
CENTRALIZED MODE	III-124
CODED VALUE FOR THE AVERAGE NUMBER OF WORDS PER MESSAGE	VIII-206
DATA CHANGE VALIDITY	III-123
DELETION THRESHOLD	III-123
DEMAND LIMIT OVERRIDE	III-124
HOP COUNT THRESHOLD	III-123
HOST NET MANAGER	III-122
INITIALIZATION DATA BLOCK 44	III-119, VIII-68
NPG BUFFER	VIII-73
NPG BUFFER 1	VIII-81
NPG BUFFER 2	VIII-82
NPG BUFFER 3	VIII-73
NUMBER OF BASIC BLOCKS IN THE POOL	VIII-151
NUMBER OF MESSAGES	III-124, VIII-206
OPERATE/SUSPEND FOR TSR POOL	VIII-205
OPERATE/SUSPEND PARAMETER	III-123
POOL CAPACITY REQUEST DISSEMINATION MODE	III-124
REALLOCATION PERIOD LENGTH	III-122
REALLOCATION PERIOD OFFSET	III-122
RECORDING BLOCK CONTROL	VIII-48
RTSS DATA AS MODIFIED BY TSR SELECTION	VIII-49
SECONDARY TRACK NUMBER FILTER	VIII-58, VIII-61
SLOT DATA	VIII-339
SPECIAL SECONDARY TNS	VIII-65
TABLE POSITION	III-123
TIME SLOT REALLOCATION INPUTS	VIII-166

NAVY BLOCK II ONLY (Continued)	<u>PAGES</u>
TSR CONTROL DATA	III-120
TSR DATA MESSAGE BUFFER STATUS	VIII-244
TSR POOL STATUS WORD 4	VIII-151
TSR POOLS TRANSMIT SLOT DATA	VIII-307
TSR STATUS	VIII-168, VIII-227
NAVY SHIP ONLY	
1553B MUX PORT	VIII-1
ALL TRACK NUMBERS FILTER	VIII-58
ANTENNA A CABLE DELAY	VIII-40
ANTENNA B CABLE DELAY	VIII-41
B SUPPLY FAIL	VIII-130, VIII-310
BASEBAND CONVERTER FAIL	VIII-130, VIII-310
BIT COMMAND	VIII-92
BIT REFUSAL	VIII-106
BODY COORDINATES OF NAVIGATION SYSTEMS	III-134
CORRELATOR FAIL	VIII-130, VIII-310
CPSM FAIL	VIII-130, VIII-310
CTP BIT INIT WRAPAROUND FAIL	VIII-134, VIII-314
CTP FAIL	VIII-130, VIII-310
DAMPED MODE	VIII-126, VIII-208
DEAD RECKONING	VIII-166
DIGITAL VOICE PORTS	VIII-1
EXCITER OUTPUT CONTROL	VIII-23
GEODETIC COURSE	VIII-255, VIII-260
HORIZONTAL POSITION FIX QUALITY	VIII-210
HOST MESSAGE FILTER WORDS	VIII-56
HPA OUTPUT LEVEL	VIII-26
HPA PRESENT	VIII-24
JTIDS USED	VIII-210
LEVER ARM VALID	VIII-125
LOOPBACK PATH	VIII-30
LOOPBACK VALUE BEYOND R/T	VIII-41
MESSAGE STRUCTURE	VIII-63
MUX DATA RECORDING FILTER WORDS	VIII-59
MUX FAIL	VIII-134
NAV SYSTEM IN USE	VIII-208
OCEAN CURRENT EAST VELOCITY	VIII-207, VIII-221
OCEAN CURRENT NORTH VELOCITY	VIII-207, VIII-221
OSCILLATOR FAIL	VIII-310
PLATFORM ACTIVITY	VIII-47
PLATFORM ID	VIII-47
PLATFORM INDICATORS	VIII-46
PLATFORM PITCH	VIII-216
PLATFORM ROLL	VIII-215
PLATFORM TRANSMIT TYPE	VIII-30
PLATFORM TYPE	VIII-29
PRIMARY TRACK NUMBER FILTER	VIII-58
PTP BIT INIT WRAPAROUND FAIL	VIII-134, VIII-314
PTP FAIL	VIII-130, VIII-310
PTP SELF TEST	VIII-310
PTP SELF TEST FAIL	VIII-130
R SUPPLY FAIL	VIII-130, VIII-310
RECEIVE ANTENNA CONFIGURATION	VIII-24

NAVY SHIP ONLY (Continued)	<u>PAGES</u>
REFERENCE EAST VELOCITY	VIII-207, VIII-222
REFERENCE NORTH VELOCITY	VIII-207, VIII-222
REFERENCE TIME BASE FAIL	VIII-130, VIII-310
RELATIVE COURSE	VIII-255, VIII-263
RF LOOPBACK CONTROL	VIII-27
RFG FAIL	VIII-130, VIII-310
SLOT DIVIDER	VIII-212
SRA BIT	VIII-1
SRA INITIATE IN FALSE MODE	VIII-134, VIII-314
SRA MOST PROBABLE FAILURE INDICATOR	VIII-139
SRA SECOND MOST PROBABLE FAILURE INDICATOR	VIII-139
SRA THIRD MOST PROBABLE FAILURE INDICATOR	VIII-139
SUBSCRIBER INTERFACE COMPUTER PROGRAM	VIII-1
SUPPORT	VIII-1
SYNC DATA DET FAIL	VIII-130, VIII-310
TAILORED I/O FAIL	VIII-134
TERMINAL OUTPUT MESSAGES 21-27	VIII-249
TEST FAIL	VIII-105
TIME OF COMPUTATION	VIII-215, VIII-217
TIME TAG	VIII-212
TRACK NUMBER INDICATOR	VIII-44
TRANSMIT ANTENNA B CABLE DELAY VALUE	VIII-38
UNIT	VIII-140
UPDATE FLAG	VIII-211
XMIT TIMING AND CONTROL FAIL	VIII-130, VIII-310
NAVY SYSTEM INDEX	I-112
NCS A MUX GOOD	X-29
NCS B MUX GOOD	X-29
NCS BACKUP BC	X-270
NCS MUX BACK-UP BUS CONTROLLER FUNCTION	X-29
NCS MUX DISABLE	X-36
NCS MUX FAIL	X-267
NCS MUX MODE CHANGE FAIL	X-284
NCS-A MUX FAIL	X-281
NCS-B MUX FAIL	X-281
NEEDLINE STATUS	IV-152
NET ENTRY MESSAGE	VIII-106
NET ENTRY NOT IN PROCESS	X-269
NET ENTRY RESET	III-160, VIII-95, VIII-196
NET ENTRY TIME SLOT INHIBIT	III-50
NET ENTRY TRANSMIT ENABLE	III-17, III-18, III-82, VIII-28
NET FOR THE CORRESPONDING NPG	VIII-85
NET NUMBER	III-53, III-58, III-61, III-148, VIII-204
NET NUMBER, REQUESTED	IV-18, VIII-109
NET PARTICIPATION GROUP	I-82, I-84, I-129, I-130, I-131, I-132,
	III-101, VIII-63, VIII-77, VIII-181, X-73, X-106,
 X-138, X-157
MESSAGE RECEIVED	VIII-248
NET PARTICIPATION GROUP NUMBER	I-131, III-57, III-61, VIII-54
NET PARTICIPATION GROUP, REQUESTED	VIII-204
NET SELECTION	IV-17, VIII-108
NET SELECTION COUNTER	IV-17, VIII-108, VIII-254
NET SELECTION NPG NUMBER	VIII-204

	<u>PAGES</u>
NET SELECTION REQUEST	VIII-85
NET SELECTION STATUS	IV-17, VIII-108
NET TIME REFERENCE I-4, I-142, III-14, III-17, IV-31, VIII-26, VIII-96, VIII-196, VIII-231, XI-42, XI-51	
NET, REQUESTED	VIII-204
NEW CCCS ORIGIN	X-53
NICAD BATTERY FAIL IV-74, IV-79, V-47, V-52, VIII-138, VIII-315, VIII-320, X-282, XI-70, XI-74, XI-92, XI-97	
NICAD BATTERY GOOD VI-13, VII-8, VIII-9, IX-10, X-29, XI-28	
NICP 12-SECOND STATUS REPORT	I-135
NICP 12-SECOND STATUS REPORT DTB	III-48, VIII-49
NICP CPU FAIL..... V-41, VIII-309, X-276, XI-87	
NICP DEGRADED PERFORMANCE	X-267
NICP DEGRADED PERFORMANCE INDICATOR	IV-13, V-109, VIII-104, VIII-354
NICP DISABLED	VII-14
NICP DIVIDE BY ZERO	IV-87, V-57, VIII-325, XI-80, XI-102
NICP DTB WORD COUNT	I-188
NICP FLOATING POINT OVERFLOW..... IV-87, V-57, VIII-325, XI-80, XI-102	
NICP INITIALIZATION DATA STATUS RESPONSE	I-127
NICP INITIALIZATION DATA STATUS RESPONSE DTB	III-47, VIII-48
NICP LRU STATUS REPORT NOT RECEIVED	X-276
NICP MAILBOX TEST FAIL	V-41, VIII-309, XI-87
NICP NEGATIVE SQUARE ROOT	IV-87, V-57, VIII-325, XI-80, XI-102
NICP RAM FAIL..... V-41, VIII-309, X-276, XI-87	
NICP REJECTED R/C MESSAGE	X-149
NICP ROM FAIL..... V-41, VIII-309, X-276, XI-87	
NICP STATUS REPORT	IV-22, IV-115, IV-119, VIII-113, VIII-148
NICP STATUS REPORT NOT RECEIVED IN LRU BIT	XI-87
NICP SYNC CONTROL	I-179
NICP TIME OVERLOAD	IV-87, V-57, VIII-325, XI-80, XI-102
NICP TRAP FAILURE	X-276
NICP WRA STATUS NOT RECEIVED	VIII-309
NICP WRA STATUS REPORT NOT RECEIVED BY SICP	VIII-129, XI-65
NICP/PTP MAILBOX TEST FAIL	X-276
(PTPMB)	X-276
DETERMINED BY THE NICP	IV-65, VIII-129, XI-65
DETERMINED BY THE PTP	IV-65, VIII-129, XI-65
NO BUFFERS AVAILABLE	I-138, IV-26, VIII-116
NO COARSE SYNC	I-136, IV-15, IV-32, VIII-106, VIII-120, XI-61
NO FINE SYNC	IV-15, V-111, VIII-107, VIII-356, XI-61
NO LOOPBACK RECEIVED	X-149
NO MESSAGE RECEPTION	IV-78, V-51, VIII-319, X-285, XI-96
NO MESSAGES SUCCESSFULLY RECEIVED	VIII-137, XI-73
NO NICP INTERNAL BUFFERS	IV-87, V-57, VIII-325, XI-80, XI-102
NO R/T ACKNOWLEDGEMENT	IV-71, V-45, VIII-313
NO RESPONSE TO RTT INTERROGATIONS	IV-78, V-51, VIII-319, X-285, XI-96
NO SICP INTERNAL BUFFERS	IV-87, V-57, VIII-325, XI-80, XI-102
NO SYNC	V-111, VIII-356
NON-ERROR CODED FREE TEXT	I-82
NON-NAV SYNC OBSERVATION SCREENED	I-124, I-136, I-147, IV-37, IV-38, IV-61, IV-62

	<u>PAGES</u>
NON-VOICE FREE TEXT FILTER.....	III-77, III-78, III-99, III-100, VIII-58, VIII-61, VIII-62, XI-46, XI-47
NORMAL MODE	VI-14, IX-13
NORMAL TEMP CONDITION.....	I-48
NORMAL/EXTENDED RANGE.....	I-11, I-12
NORMAL/RELAY SLOT	I-11
NORTH SPEED OF MEDIUM.....	IV-60, VIII-127
NORTH TILT CORRECTION USED.....	VIII-220
NORTH VELOCITY CORRECTION USED.....	VIII-219
NOT HIGH OVERTEMP	I-48
NOT IN FINE SYNC	X-150
NPG	I-129, I-130, I-131
EXTERNAL	IV-94
INTERNAL	IV-94
NPG BUFFER 3	VIII-73
NPG FILTER WORDS	VIII-75
NPG FOR WHICH THE NET CHANGE WAS REQUESTED	IV-17, VIII-108
NPG MAPPING STATUS	I-129
NPG MAPPING STATUS DTB	III-47, VIII-48
NPG NOT AVAILABLE	X-149
NPG NUMBER	V-103, VIII-348
NPG NUMBER (EXTERNAL)	I-129
NPG NUMBER (INTERNAL)	I-131
NUMBER OF BASIC BLOCKS IN THE POOL	VIII-151
NUMBER OF CHANNELS IN CONTROL GROUP	III-85, III-86
NUMBER OF CHANNELS IN VOICE GROUP A	III-85, III-86
NUMBER OF CHANNELS IN VOICE GROUP B	III-85
NUMBER OF IPF ALARMS	I-145
NUMBER OF REPEATED TRANSMISSIONS	X-72
NUMBER OF SLOTS SINCE NAV DATA WAS VALID	I-85
NUMBER OF SYNC OBSERVATION VALIDITY FAILURES	I-135, I-142
NUMBER OF TRANSMIT ASSIGNMENTS IN SLOT ASSIGNMENT	IV-94
NUMBER OF VALID MESSAGES	I-90

--O--

OBSERVATION SOURCE TIME QUALITY	I-156, I-158
OBSERVATION SOURCE TRACK NUMBER	I-172
OBSERVATIONAL INHIBITOR	I-169, I-172
OCCURANCES OF NO LOOPBACK	XI-96
ODOMETER HUNDREDS	V-23, VIII-291
ODOMETER TENS	V-23, VIII-291
ODOMETER UNITS	V-22, VIII-290
OFFSET VALIDITY	VIII-79
OMNIDIRECTIONAL ANTENNA A	XI-54
ON LINE	X-177
ONE OR MORE LOOPBACK DECODE FAILS	XI-73
ONE OR MORE LOOPBACK TOA FAILS	XI-73
ONE OR MORE MESSAGES NOT ACKNOWLEDGED	VIII-137, XI-73
ONE OR MORE OCCURENCES OF NO LOOPBACK	XI-73
ONE OR MORE TEST MESSAGE FAILS	VIII-137, XI-73
ONE OR MORE TRANSMISSIONS RECEIVED IN ERROR	XI-73

	<u>PAGES</u>
ONGOING STATUS	IV-10, IV-129, VIII-103, X-266, X-299, XI-56
BLOCK 1 WORD 3	IV-13, VIII-104, XI-59
BLOCK 1 WORD 4	IV-15, VIII-106, XI-61
OPERATE/SUSPEND PARAMETER	III-122, III-123
OPERATIONAL CENTER	X-199
OPERATIONAL CENTER RETRY	X-199
OPERATIONAL CONTROL	X-17
OPERATIONAL MODE	X-13, X-14
OPERATIONAL STATUS	X-14
OPERATIONAL STATUS OF VOICE CHANNELS	III-18, III-31, III-32, VIII-23, VIII-36, VIII-37
ORGANIZATIONAL USER TYPE	I-136, I-149, I-161, I-163, III-14, IV-116, VIII-26, VIII-202, VIII-230, XI-42, XI-51
ORIGIN CHANGE INDICATOR	X-245
ORIGINAL XMIT NET	III-57, III-60
OSCILLATOR FAIL	X-277
OSCILLATOR GOOD	VII-8, VIII-9, X-30, XI-28
OSCILLATOR SELECT	I-176, IV-90
OTAR SUCCESSFUL	I-56, I-135, I-141, IV-29
OTF DATA VALIDITY TIME	I-158
OUT OF BOUNDS FREQUENCY FAIL	IV-69, IV-88, V-44, V-58, VIII-132, VIII-312, VIII-326, X-279, XI-68, XI-90
OUT-OF-BOUNDS FREQUENCIES	I-22
OUT-OF-BOUNDS FREQUENCY FAIL STATUS	I-47
OUTER PARITY	I-60
OUTPUT BUFFER LOADED	V-96, VIII-341
OUTPUT MUX BLOCK	V-60, VIII-328, XI-103
OVER THE AIR REKEYING	I-4, I-7, I-56
OVER-THE-AIR REKEYING	III-18
OVERFLOW INDICATOR	I-176, IV-26, IV-90, VIII-116
OVERTEMPERATURE FAIL	IX-19

--P--

PA OVER HIGH THRESHOLD TEMPERATURE	IV-88, V-58, VIII-132, VIII-326, XI-68
PA OVER LOW THRESHOLD TEMPERATURE	IV-84, VIII-143, XI-78
PA OVER TEMPERATURE	IV-69
PA/HPA HIGH OVER TEMPERATURE STATUS	I-48
PA/HPA LOW OVER TEMP STATUS	I-48
PACK 2 SP FF CODED MESSAGE TYPE FAILURE	X-283
PACKED 2 DP FF CODED MESSAGE TYPE FAILURE	X-283
PACKED 2 DP-FT CODED MESSAGE TYPE FAILURE	X-283
PACKED 2 SP FT CODED MESSAGE TYPE FAILURE	X-283
PACKED 2 SP FT UNCODED MESSAGE TYPE FAILURE	X-283
PACKED 2-DP FF CODED	I-28, I-60, I-146
PACKED 2-DP FT CODED	I-28, I-60, I-146
PACKED 2-DP FT CODED MESSAGE TYPE FAILURE	IV-35, IV-75, XI-71
PACKED 2-DP FT UNCODED	I-28, I-60, I-146
PACKED 2-DP FT UNCODED MESSAGE TYPE	IV-75, XI-71
PACKED 2-DP FT UNCODED MESSAGE TYPE FAILURE	IV-35
PACKED 2-SP FF CODED	I-28, I-60, I-146
PACKED 2-SP FF CODED MESSAGE TYPE FAILURE	IV-35, IV-75, XI-71

	<u>PAGES</u>
PACKED 2-SP FT CODED	I-28, I-60, I-146
PACKED 2-SP FT CODED MESSAGE TYPE FAILURE	IV-36, IV-75, XI-71
PACKED 2-SP FT UNCODED	I-28, I-60, I-146
PACKED 2-SP FT UNCODED MESSAGE TYPE	IV-36, IV-75, XI-71
PACKED 4 SP FF CODED MESSAGE TYPE FAILURE	X-283
PACKED 4 SP FT CODED MESSAGE TYPE FAILURE	X-283
PACKED 4 SP FT UNCODED MESSAGE TYPE FAILURE	X-283
PACKED 4-SP FF CODED	I-28, I-60, I-146
PACKED 4-SP FF CODED MESSAGE TYPE FAILURE	IV-36, IV-75, XI-71
PACKED 4-SP FT CODED	I-28, I-60, I-146
PACKED 4-SP FT CODED MESSAGE TYPE FAILURE	IV-36, IV-75, XI-71
PACKED 4-SP FT UNCODED	I-28, I-146
PACKED 4-SP FT UNCODED MESSAGE TYPE	IV-36
PACKED 4-SP FT UNCODED MESSAGE TYPE FAILURE	IV-75, XI-71
PACKING	I-82, I-154
PACKING LIMIT I-84, III-101, V-103, VIII-63, VIII-180, VIII-348,	X-105
PACKING LIMIT (DEFAULT)	VIII-63
PACKING LIMIT CONFLICT	X-150
PACKING LIMITATION	X-72, X-94
PANEL DATA	III-48, VIII-49
PARTIAL BUFFER RECEIVED	X-39
PARTITIONED RELAY CONTROL STATES	I-12
PARTITIONED VARIABLE MODE	I-130, I-131
PARTITIONED/COMMON	I-4
PAUSE ON/OFF	X-175
PDU GOOD	X-30
PERFORM INTERNAL WRAPAROUND	X-175
PHASE LOCKED LOOP FREQUENCY GOOD	VIII-9
PHASE REFERENCE UNCERTAINTY	I-107
PHYSICAL ADDRESS	VIII-195
address	I-78
PHYSICAL MEMORY ADDRESS	VIII-250
PHYSICAL MEMORY ADDRESS FOR DATA	VIII-88
PITCH AND ROLL VALID	VIII-209
PLAIN TEXT BUS	I-175, V-18, VIII-286
PLAIN TEXT PROCESSOR I-1, I-2, I-4, I-5, I-8, I-9, I-10, I-13,	
..... I-16, I-25, I-28, I-41, I-42, I-44, I-45, I-56, I-58,	
..... I-60, I-182, I-184	
PLAIN TEXT PROCESSOR FAIL	I-135, I-139, IV-27, VIII-117
PLAIN TEXT PROCESSOR RESET	I-5
PLAIN TEXT PROCESSOR SELF TEST	I-53
PLATFORM ACTIVITY	VIII-47
PLATFORM ALTITUDE	VIII-214
PLATFORM AZIMUTH MISALIGNMENT CORRECTION	IV-56, VIII-259
PLATFORM AZIMUTH WANDER ANGLE	VIII-219
PLATFORM DEFINITION	I-110, I-111, I-124, I-136, I-147, I-163,
..... IV-37, IV-61, VIII-256	
PLATFORM EAST VELOCITY	VIII-218
PLATFORM HEADING	VIII-216
PLATFORM ID	VIII-47
PLATFORM ID REQUESTED	VIII-92, VIII-106, VIII-202, XI-61
PLATFORM IDENTIFIER	I-161, III-3, VIII-19
BIT VALUES	I-122, III-6, VIII-20, XI-39

	<u>PAGES</u>
BLOCK 0 WORD 4	III-6, VIII-20, XI-39
PLATFORM IDENTIFIER REQUESTED	VIII-356
PLATFORM LATIAUDE	VIII-213
PLATFORM LONGITUDE	VIII-214
PLATFORM NORTH VELOCITY	VIII-217
PLATFORM PITCH	VIII-216
PLATFORM ROLL	VIII-215
PLATFORM TRANSMIT TYPE	III-20, III-22, VIII-22, VIII-29, VIII-30, VIII-40, VIII-41, XI-43
PLATFORM TYPE	III-20, VIII-29, XI-43
PLATFORM VERTICAL VELOCITY	VIII-218
PLL FREQUENCY GOOD	VII-8, X-30, XI-28
POLLING MODE	VI-14, IX-13
POOL CAPACITY REQUEST DISSEMINATION MODE	III-122, III-124
POOR RESPONSE TO RTT INTERROGATIONS	VIII-137, XI-73
PORT	I-151, I-154, IV-45, VIII-123
PORT 1 CODED VOICE	III-34, VIII-39
PORT 2 CODED VOICE	III-34, III-35, VIII-39
PORT ACCESS BIT	V-6, V-14, VI-17, VII-12, VIII-14, VIII-283, IX-15, X-34, XI-33
PORT LOCATION	
1FF2	VI-6, VII-4
POSITION DRIFT RATE	I-116
POSITION FIX VALIDITY	X-89
POSITION INITIALIZATION REQUIRED	I-135, I-139, IV-26, VIII-116
POSITION PROCESS NOISE	I-114
POSITION QUALITY	X-91
POSITION REFERENCE	I-149, I-161, I-163, III-14, IV-116, VIII-26, VIII-196, VIII-230, XI-42, XI-51
Position Status Request/Response	IV-145
POSITION VARIANCE	I-106
POWER AMP OVER TEMPERATURE	X-279
POWER DOWN	I-179
POWER LEVEL FAILURE	IV-71, V-26, V-45, VIII-294, VIII-313
POWER LIMIT FAILURE	I-138, IV-24, IV-25, VIII-114
POWER OUTPUT ANT A PERFORMANCE	V-55, VIII-323
POWER OUTPUT ANT B PERFORMANCE	V-55, VIII-323
POWER OUTPUT ANTENNA A STATUS	I-48, IV-84, VIII-143
POWER OUTPUT ANTENNA B STATUS	I-48, IV-84, VIII-143
POWER SUPPLY 1 GOOD	VIII-9
POWER SUPPLY 2 GOOD	VIII-9
POWER TEST	III-163, III-164, V-27, VIII-97, VIII-98, VIII-295
POWER UP	I-179
POWER UP SELF TEST FAILURE	V-45, VIII-313
POWER-UP SELF TEST FAILURE	IV-71
POWER-UP SELF TESTS FAILURE	V-26, VIII-294
PPLI LOOPBACK FILTER	III-99, VIII-61
PPLI MESSAGE FILTER STN	IV-113, VIII-147
PPLI OBSERVATION SCREENED	I-124, I-136, I-147, IV-37, IV-38, IV-61, IV-62
PPLI POOL	III-14, VIII-26, XI-42
PPLI TIME SLOT ASSIGNMENTS	III-30
PRIMARY TRACK NUMBER	III-7, VIII-21, VIII-185

	<u>PAGES</u>
BIT VALUES	III-13
BLOCK 1 WORD 4	III-13
PRIMARY TRACK NUMBER FILTER	III-77, III-99, III-139, III-141, VIII-58, VIII-61, XI-46, XI-47, XI-50
PRIORITY	VIII-182
PRIORITY MESSAGE BUMP	X-149
PRIORITY OF MESSAGE	I-85, V-104, VIII-349
PROGRAM COUNTER	V-32, VIII-300
PROVIDE ALL PPLI LOOPBACK MESSAGES	IV-110
PTBO SAMPLE GOOD	VII-10, X-32, XI-31
PTBO SAMPLE GOOD AFTER PTP TEST	VIII-12
PTBO SAMPLE GOOD DURING PTP TEST	VIII-12
PTP BIT INIT WRAPAROUND FAIL	X-281
PTP BIT WORD 1	I-41
PTP BIT WORD 2	I-41
PTP BIT WORDS	I-53
PTP DISABLE	VII-14, X-36, XI-36
PTP DISABLE ACCESS TO GM	VIII-16
PTP FAIL	I-135, I-139, IV-27, VIII-117, X-277
PTP MAILBOX TEST FAIL	V-41, VIII-309, XI-87
PTP RESET	I-5
PTP SELF TEST	V-42, VIII-310, X-277, XI-88
PTP TEST INIT WRAPAROUND	VII-10, VIII-12, VIII-13, X-33, XI-31
PTP TEST INITIATE	VII-12, VIII-15, X-35, XI-34
PULSE COUNT WORD	X-32
PULSE WIDTH FAIL	V-44, VIII-312, X-279, XI-90
PULSE WIDTH FAIL STATUS	I-47
PULSE WIDTH FAILURE	I-138, IV-24, IV-25, IV-69, IV-86, IV-88, V-58, VIII-114, VIII-132, VIII-326, XI-68, XI-79
PULSE WIDTH MAXIMUM NUMBER OF PULSES	I-23
PURE PASSIVE SYNC	I-135, I-142
PUSH TO TALK	V-6, V-14, VIII-283
PUSH TO TEST ENABLE	I-21
PUSH-TO-TALK	XI-12
 --Q--	
QUALITY LEVEL	III-26
 --R--	
R SUPPLY FAIL	X-277
R SUPPLY GOOD	VII-8, X-29, XI-28
R/C CHECKSUM	I-86, V-105, VIII-350
R/C CODE	I-85, I-133, V-104, VIII-349
R/C LOOPBACK ID	X-132, X-138
R/C REPLY NOT RECEIVED	X-149
R/R DISABLE	X-36
R/R IN PAUSE STATE	X-174
R/R INTERFACE FAIL	X-269
R/S CIRCUMVENT	IV-116
R/S CIRCUMVENT IDENTIFIER	IV-117
R/T	I-131

	<u>PAGES</u>
R/T BEARING INVALID	IX-21, IX-22
R/T BIT REPORTING	I-18
R/T BIT WORD 1	I-41
R/T BIT WORD 2	I-41
R/T BIT WORD 3	I-41
R/T BIT WORD 4	I-41
R/T FAIL I-135, I-139, IV-27, IV-79, VIII-117, VIII-138,	VIII-234, XI-74
R/T FAIL INDICATOR WRAPAROUND	VII-10, VIII-12, X-32, XI-31
R/T INACTIVE	IX-21, IX-22
R/T INITIALIZATION CONSTANTS	I-17
R/T PUSH-TO-TEST	I-17, I-21
R/T RANGE INVALID	IX-21, IX-22
R/T RECEIVER CONFIGURATION	I-21, III-15, VIII-26, XI-42
R/T SELF TEST FAIL	IX-21, IX-22
R/T SRA FAIL	V-43, VIII-131, VIII-311, XI-67
R/T SRU FAIL	IV-69, X-278
R/T TACAB COMM GOOD	IX-10
R/T TACAN COMM FAIL	VIII-313
R/T TACAN COMM GOOD	IX-10
R/T TDMA FAIL IV-69, VIII-131, VIII-311, X-278, XI-67, XI-89	XI-89
R/T TDMA GOOD	VI-13, VII-8, VIII-9, IX-10, X-30, XI-28
R/T TEST MODE	I-155
R/T WORD 1 INDICATOR	I-187
R/T WORD 2	I-19
R/T WORD 3	I-21
R/T WORD 6	I-23
RADIATED ENERGY FAILURE	I-138, IV-24, IV-25, VIII-114
RADIO SILENCE	X-150
RADIO SILENT	I-151, IV-30, VIII-119
RADIO/DATA SILENT	X-243
RAM FAIL I-135, I-138, IV-65, VIII-129, IX-19, XI-65	XI-65
RAM FAILURE IV-26, IV-71, V-26, V-45, VIII-116, VIII-294,	VIII-313
RAM TEST FAIL	XI-20
RANGE	V-19, VIII-287
RANGE INVALID	IX-21
RANGE RATE	V-25, VIII-293
RANGE RATE WORD INVALID	V-25, VIII-293
RANGE VALID	V-20, VIII-288
RANGE WORD INVALID BIT	V-19, VIII-287
RATE	III-94
RCVR CONFIGURATION	I-15
READY	X-177
REAL DATA FORMAT	IV-3
REAL TIME SLOT ASSIGNMENT SEQUENCE	I-130
REAL TIME SLOT ASSIGNMENT SEQUENCE DTB	III-48, VIII-48
REALLOCATION PERIOD LENGTH	III-122
REALLOCATION PERIOD OFFSET	III-122
RECEIPT COMPLIANCE	X-68, X-77
RECEIPT COMPLIANCE CODE	I-85
RECEIPT/COMPLIANCE I-132, I-133, I-134, VIII-183, VIII-185	VIII-185
RECEIPT/COMPLIANCE CODE	VIII-239
RECEIPT/COMPLIANCE ID	VIII-247, VIII-249

	<u>PAGES</u>
RECEIPT/COMPLIANCE ID NUMBER	VIII-201
VALUE OF ZERO	VIII-201
RECEIPT/COMPLIANCE RESPONSE	VIII-200
RECEIPT/COMPLIANCE RESPONSE REQUIRED	VIII-247
RECEIVE ANTENNA I-88, I-89, I-92, I-93, I-95, V-65, V-116,	VIII-332, VIII-361
RECEIVE ANTENNA A CABLE DELAY VALUE	III-51
RECEIVE ANTENNA CONFIGURATION III-10, VIII-24, VIII-201, XI-40	XI-45
RECEIVE BUFFER ADDRESS	I-58
RECEIVE BUFFER STARTING ADDRESS	I-25
RECEIVE DATA BUFFERS	VIII-3, IX-3
RECEIVE DIRECTIONAL ANTENNA B DELAY	IX-21, IX-22
RECEIVE ERROR OVERFLOW	I-74
RECEIVE MESSAGE - PACKED 2-DP FF CODED	I-71
RECEIVE MESSAGE - PACKED 2-DP FT CODED	I-70
RECEIVE MESSAGE - PACKED 2-SP FF UNCODED	I-72
RECEIVE MESSAGE - PACKED 2-SP FT CODED	I-67
RECEIVE MESSAGE - PACKED 2-SP FT UNCODED	I-62
RECEIVE MESSAGE - PACKED 4-SP FF CODED	I-73
RECEIVE MESSAGE - PACKED 4-SP FT CODED	I-69
RECEIVE MESSAGE - PACKED 4-SP FT UNCODED	I-68
RECEIVE MESSAGE - RTT INTERROGATION	I-65
RECEIVE MESSAGE - RTT REPLY	I-64
RECEIVE MESSAGE - STANDARD FF CODED	I-63
RECEIVE MESSAGE - STANDARD FT CODED	I-66
RECEIVE MESSAGE - STANDARD FT UNCODED	I-61
RECEIVE MESSAGE BUFFER	I-58
RECEIVE MODE III-12, VIII-25, XI-41	VIII-40
RECEIVE ONLY ANTENNA	VIII-40
RECEIVE RELAY DELAY	III-56
RECEIVED MESSAGE DATA WORD COUNT	VIII-230
RECEIVED MESSAGE DELETION	VIII-230
RECEIVED MESSAGE HEADER FAILURE III-99, VIII-61, XI-47	III-100, VIII-62
RECEIVED MESSAGE HEADER FILTER	I-88, I-90
RECEIVED MESSAGE LOOPBACK TRANSMISSION DTB	III-47, VIII-48
RECEIVED OMNIDIRECTIONAL ANTENNA A DELAY	XI-45
RECEIVED TRANSMITTER UNIT FAIL	VI-17
RECEIVED VOICE A FILTER	VIII-62
RECEIVED VOICE B FILTER	III-100, VIII-62
RECEIVER (ONE OR MULTIPLE) FAIL IV-68, VIII-131, XI-67	I-14, I-15
RECEIVER ANTENNA CONFIGURATION	I-42, I-43
RECEIVER ANTENNA SELECT	I-50
RECEIVER CH 1 PLL FAILED	I-50
RECEIVER CH 2 PLL FAILED	I-50
RECEIVER CH 3 PLL FAILED	I-50
RECEIVER CH 4 PLL FAILED	I-50
RECEIVER CH 5 PLL FAILED	I-50
RECEIVER CH 6 PLL FAILED	I-50
RECEIVER CH 7 PLL FAILED	I-50
RECEIVER CH 8 PLL FAILED	I-50
RECEIVER CONFIGURATION	I-16
RECEIVER DISABLE	I-16, I-18

	<u>PAGES</u>
RECEIVER FAIL.....	IV-68, VIII-245, X-278
RECEIVER SENSITIVITY FAILURE	V-26, V-45, VIII-294, VIII-313
FAILURE	IV-71
RECEIVER SENSITIVITY STATUS	I-50
RECEIVER THRESHOLD	I-14
RECEIVER THRESHOLD SYNC WORD	I-14
RECEIVER TRANSMITTER UNIT FAIL.....	VII-12, VIII-14, IX-15, X-34,
	XI-33
RECEIVER/SYNTHESIZER CIRCUMVENTION IN EFFECT	IV-68
RECEIVER/TRANSMIT	I-17
RECORD BUFFER OVERFLOW	X-152
RECORDER BLOCK	
RATE	III-94
STARTING ADDRESS	III-93
WORD COUNT	III-93
RECORDER FUNCTION ON	I-179, III-14, VIII-26, XI-42
RECORDER REPRODUCER	X-174
RECORDER/REPRODUCER COMMAND WORD	X-251
RECORDER/REPRODUCER MEM FAIL	X-285
RECORDER/REPRODUCER WRAP FAIL	X-285
RECORDING BLOCK CONTROL	III-47, VIII-48
BI-DIRECTIONAL INITIALIZATION DATA DTB	III-47, VIII-48
CONTROL DISCRETE DATA	III-48, VIII-49
MESSAGE STATUS DTB	III-48, VIII-48
MESSAGE TO TRANSMIT DTB	III-47, VIII-48
MUX DATA	III-48, VIII-49
NAVIGATION DATA FROM NICP DTB	III-47, VIII-48
NAVIGATION DATA FROM SICP DTB	III-47, VIII-48
NICP 12-SECOND STATUS REPORT DTB	III-48, VIII-49
NICP INITIALIZATION DATA STATUS RESPONSE DTB	III-47, VIII-48
NPG MAPPING STATUS	III-47, VIII-48
PANEL DATA	III-48, VIII-49
REAL TIME SLOT ASSIGNMENT SEQUENCE DTB	III-48, VIII-48
RECEIVED MESSAGE/LOOPBACK TRANSMISSION DTB	III-47, VIII-48
REL NAV KALMAN FILTER OBSERVATION DATA DTB	III-48, VIII-49
REL NAV KALMAN FILTER STATE VECTOR	III-48, VIII-49
SICP MEMORY BLOCKS	III-48, VIII-49
SICP STATUS REPORT DTB	III-48, VIII-49
START-UP NAVIGATION DATA DTB	III-47, VIII-48
SYNCHRONIZATION FILTER DATA DTB	III-48, VIII-49
TACAN DATA	VIII-49
TERMINAL STATUS	III-48, VIII-49
RECURRENCE RATE	I-85, III-53, III-54, III-58, III-148, VIII-50
RECURRENCE RATE NUMBER	X-72
REED SOLOMON FAIL	XI-66, XI-88
REFERENCE GRID ORIGIN LAT (COARSE)	III-7, VIII-21
REFERENCE GRID ORIGIN LAT (FINE)	III-7, VIII-21
REFERENCE GRID ORIGIN LATITUDE	
COARSE	III-28, VIII-34
FINE	III-28, VIII-34
REFERENCE GRID ORIGIN LONG (COARSE)	III-7, VIII-21
REFERENCE GRID ORIGIN LONG (FINE)	III-7, VIII-21

	<u>PAGES</u>
REFERENCE GRID ORIGIN LONGITUDE	
COARSE	III-29, VIII-35
FINE	III-29, VIII-35
REFERENCE TIME BASE DISABLE	VIII-16
REFERENCE TIME BASE FAIL	VI-15, X-277, XI-88
REL NAV KALMAN FILTER COVARIANCE	I-162
REL NAV KALMAN FILTER OBSERVATION DATA	I-169
REL NAV KALMAN FILTER OBSERVATION DATA DTB	III-48, VIII-49
REL NAV KALMAN FILTER STATE VECTOR	III-48, VIII-49
REL NAV KALMAN FILTER STATUS	IV-37, IV-61
REL NAV KALMAN FILTER STATUS VECTOR	I-161
REL NAV KALMAN STATE	I-162
RELATIVE ALTITUDE	VIII-262
RELATIVE AZIMUTH QUALITY	I-125, I-141, I-148, IV-29, IV-38, IV-63, VIII-265
RELATIVE COURSE	VIII-263
RELATIVE EAST VELOCITY	VIII-262
RELATIVE GRID REFERENCE ANGLE	I-123, IV-60
RELATIVE HORIZONTAL POSITION QUALITY	VIII-265
RELATIVE HORIZONTAL VELOCITY QUALITY	VIII-265
RELATIVE LATITUDE	VIII-170, VIII-260
RELATIVE LONGITUDE	VIII-170, VIII-261
RELATIVE NORTH VELOCITY	VIII-261
RELATIVE PLATFORM AZIMUTH	VIII-263
RELATIVE POSITION	IV-57
RELATIVE POSITION QUALITY	I-125, I-141, I-148, IV-29, IV-38, IV-63, VIII-170
RELATIVE SPEED	I-121, IV-57
RELAY CONTROL	III-59
RELAY DELAY	III-56, III-60
RELAY DELAY SWITCH	III-53, III-56, VIII-50, VIII-52
RELAY FUNCTION	III-60, VIII-53
RELAY IN/OUT	I-11
RELAY INDICATOR/TYPE MODIFIER	I-8, I-10
RELAY INHIBIT	I-152, IV-40, VIII-78
RELAY INHIBIT CONTROL	I-151, IV-40, VIII-78, XI-51
RELAY INHIBIT STATUS	IV-161, VIII-244, XI-83
RELAY MSG TAG	I-13
RELAY NET	III-56, VIII-52
RELAY RECEIVE	VIII-77
RELAY STATUS	I-140
RELAY TAG	I-92
RELAY TAG CONTROL	I-45
RELAY TAG NUMBER	I-45
RELAY TAG WORD	I-41, I-45
RELAY TRANSMIT	VIII-77
RELAY TRANSMIT OVER RELAY RECEIVE	VIII-77
RELAY/TIME SLOT INDICATOR	III-53, III-54, III-58, III-59, VIII-50
RELNAV KALMAN FILTER STATUS WORD	I-124
REPEAT TRANSMISSION BUFFERS FULL	X-150
REPLACEMENT FLAG	
MESSAGE TYPE AND MESSAGE LENGTH	I-186
TRANSMIT TIME WORD	I-186, I-187

	<u>PAGES</u>
REPLACEMENT WORD	
MESSAGE TYPE	I-187
SOURCE TRACK NUMBER	I-187, I-188
TIME QUALITY	I-188
TRANSMIT TIME WORD 1	I-186
TRANSMIT TIME WORD 2	I-187
REPROM	X-76
REPROM REQUEST EXCEEDS PACKING LIMIT	X-149
REPROMULGATION	VIII-184
REPROMULGATION CONTROL	III-42, VIII-45
REPROMULGATION COUNTER	X-76
REPROMULGATION HOP COUNT	III-42, VIII-45
REPROMULGATION RELAY HOP COUNT	VIII-183
REPROMULGATION RELAY OR RANGE TEST INDICATOR	I-5
REPROMULGATION RELAY REQUEST	VIII-45
REQUEST RECORDER REPRODUCER STATUS	X-175
REQUEST TYPE	V-97, VIII-193, VIII-342, X-56, X-85, XI-57
REQUEST VALIDITY	VIII-204
REQUESTED NET NUMBER	VIII-254
RESET TAILORED I/O CARD	IX-23
RESPONSE TYPE	X-117
RESTART INITIALIZATION	VIII-175
REWIND	X-175
RF DEGRADED PERFORMANCE	X-268
RF LOOPBACK CONTROL	III-16, VIII-27, XI-42
RF MODE	III-7, VIII-21
BLOCK 1 WORD 3	III-8, VIII-22, XI-40
RFG FAIL	X-277, XI-66
RNKF STATUS	I-124
RNKS STATUS	I-147
ROM CHECKSUM FAIL	XI-20
ROM CHECKSUM PASSES	X-42
ROM CHECKSUM TEST COMPLETE	X-42
ROM FAIL	I-138, IV-65, VIII-129, IX-19, IX-20, XI-65
ROM FAILURE	IV-26, IV-71, V-26, VIII-116, VIII-294
RR AND COORDINATE CONVERTER PROCESSOR	X-281
RSED FAIL	IV-66, X-277
RT FAIL	I-43
RT FLAG WRAPAROUND INDICATION FALSE	IV-72
RTB DISABLE	VII-14
RTB RESET ENABLE	I-177, I-178, I-179
RTSS DATA AS MODIFIED BY TSR SELECTION	VIII-49
RTT	I-65
RTT - 2B RECEIVED SLOT	I-13
RTT ADDRESSED SOURCE TIME QUALITY	I-157
RTT BROADCAST SOURCE TIME QUALITY	I-156, I-157
RTT FAIL	I-42, I-43
RTT INT 2A	I-146
RTT INT 2A MESSAGE TYPE FAILURE	IV-36, IV-76, VIII-136
RTT INTERROGATION RECEIVE FAILURE MODIFIER	I-42, I-43
RTT INTERROGATION TOA	I-160
RTT INTERROGATION TRANSMIT FAILURE MODIFIER	I-42, I-43
RTT INTERROGATION TYPE A	I-60
RTT INTERROGATION TYPE B	I-60

	<u>PAGES</u>
RTT INTERROGATIONS TRANSMITTED	I-137
RTT LOOPBACK FILTER	III-99, VIII-61
RTT MESSAGES	IV-15, VIII-107, XI-61
RTT RECEIVE MODE	I-19
RTT REPLIES RECEIVED	I-137
RTT REPLY THERMAL OVERRIDE	I-19
RTT SOURCE TN	I-157
RTT SUMMARY	I-142
RTT SUMMARY WORD	IV-31
RTT TEST MODE	I-155
RTT TIME SLOT ASSIGNMENTS	III-30
RTT WRAPAROUND	I-54
RTT-A/RTT-B USAGE FLAG	I-187
RTT/NORMAL MESSAGE	I-10
RTT/NORMAL MSG	I-10

--S--

SACP ASSIGNED MESSAGE ID	V-117, VIII-362
SAE NUMBER	I-91, I-130, I-131
SCREEN FOR SACP MESSAGES	IV-113, VIII-147
SDU ALARM	I-42, I-43, I-140, IV-83, V-54, VIII-142, VIII-322, XI-77
SDU ALARM CHECK	I-4
SDU ALARM HAS OCCURRED IN SLOT N	XI-99
SDU ALERT	IV-13, IV-14, IV-79, V-52, V-110, VIII-104, VIII-105, VIII-138, VIII-234, VIII-320, VIII-355, X-268, XI-59, XI-60, XI-74, XI-97
SDU FAIL	VIII-234
SDU FLAG FAIL	IX-19
SDU SERIAL NUMBER	I-41, I-45
SDU VAR 0 BAD	IV-83, VIII-142, XI-77
SDU VAR 1 BAD	IV-83, VIII-142, XI-77
SDU VAR 2 BAD	IV-83, VIII-142, XI-77
SDU VAR 3 BAD	IV-83, VIII-142, XI-77
SDU VAR 4 BAD	IV-83, VIII-142, XI-77
SDU VAR 5 BAD	IV-83, VIII-142, XI-77
SDU VAR 6 BAD	IV-83, VIII-142, XI-77
SDU VAR 7 BAD	IV-83, VIII-142, XI-77
SDU VARIABLE BAD	V-54, VIII-322
SDU VARIABLE CODE WORDS BLOCK 1, WORDS 21 - 24	III-32, VIII-37
SDU VARIABLES	I-42
SECOND MOST PROBABLE MODULE FAILURE	I-47, I-51
SECONDARY TRACK NUMBER	VIII-44
SECONDARY TRACK NUMBER FILTER	III-77, III-99, VIII-58, VIII-61, XI-46, XI-47
SECURE DATA UNIT	I-27, I-41, I-42, I-45
SELF TEST FAIL	IX-21
SELF TEST INDICATOR	V-26, VIII-294
SELF TEST INITIATE	IX-11
SEQUENCE	I-7
SEQUENCE NUMBER	I-146, III-18
SERIAL LINK FAIL	IX-19, IX-20

	<u>PAGES</u>
SET	III-53, III-58, VIII-183
SET FOR TRANSMISSION OF MESSAGE	I-84
SET TO ZERO	X-13
SHADOW RAM EXECUTION	I-140
SHORT TERM HISTOGRAM FAIL STATUS	I-47
SICP BUFFER FULL	X-269
SICP CONTROL	X-199, X-216
SICP DEGRADED PERFORMANCE	X-267
SICP DEGRADED PERFORMANCE INDICATOR	IV-13, V-109, VIII-104, VIII-354
SICP DIVIDE BY ZERO	IV-87, V-57, VIII-325, XI-80, XI-102
SICP FAIL	I-135, I-139, IV-27, VIII-117, XI-33
SICP FLOATING POINT OVERFLOW	IV-87, V-57, VIII-325, XI-80, XI-102
SICP MAILBOX FAIL	I-184
SICP MEMORY BLOCKS	III-48, VIII-49
SICP NEGATIVE SQUARE ROOT	IV-87, V-57, VIII-325, XI-80, XI-102
SICP RAM FAIL	IV-76, V-50, VIII-318, X-284, XI-72, XI-95
SICP REGISTERS	III-48
SICP ROM FAIL	IV-76, V-50, VIII-318, X-284, XI-72, XI-95
SICP SELF TEST FAIL	IV-73, V-46, VIII-134, VIII-314, X-281, XI-69, XI-91
SICP STATUS REPORT	I-151
SICP STATUS REPORT DTB	III-48, VIII-49
SICP TIME OVERLOAD	IV-87, V-57, VIII-325, XI-80, XI-102
SICP/NICP MAILBOX TEST FAILURE DETERMINED BY THE SICP	IV-65, VIII-129, XI-65
SIGN BIT	I-26
SILENT MODE	VI-14
SIMULATION INDICATOR	III-44, VIII-46
SLOT DIVIDER	VI-6, VII-4, VIII-5, VIII-212, IX-5
SLOT DIVIDER WORD	VIII-5, IX-5
SLOT INTERRUPT	I-57
SLOT NOT AVAILABLE	X-149
SLOT NUMBER	X-263
SLOT SET	IX-5
SLOT SUPPRESSION	I-154
SLOT TIMER	I-44
SLOT TYPE	I-11
SLOT TYPE WORD	I-11
SLOT X/Y	I-44, VIII-5, IX-5
SOURCE TIME QUALITY	I-15
SOURCE TRACK NUMBER	I-1, I-3, I-9, I-16, I-60, I-61, I-62, I-63, I-66, I-67, I-68, I-69, I-70, I-71, I-72, I-73, I-74, I-82, I-86, I-88, I-93, I-185, V-66, V-85, V-116, VIII-248, VIII-333, VIII-361, X-77, X-99, X-110, X-261
OBSERVATION	I-172
USED IN TRANSMISSION	VIII-185
SOURCE TRACK NUMBER REPLACEMENT WORD	I-187, I-188
SPARE FIELDS DEFINED	III-1
SPARE MUX DISABLE	X-36
SPARE MUX GOOD	X-30
SPECIAL MCE SECONDARY TNS	XI-47

	<u>PAGES</u>
SPECIAL NET	I-151, I-152, IV-42, VIII-122
SPECIAL PROCESSING INDICATION	X-60
SPECIAL SECONDARY TRACK NUMBERS	XI-48
SPECIFIC SLOT	VIII-183
SPECTRAL DENSITY	I-114
SQUARE ROOT NEGATIVE ARGUMENT	I-135, I-139, IV-26, VIII-116
SRA BIT	I-155, VIII-106
REQUEST FOR	VIII-92
SRA BIT INITIATE	VIII-14
SRA BIT INITIATE WRAP AROUND	VIII-9
SRA BIT INTERFACE TEST WORD	VIII-10
SRA FAILURE	VIII-105
SRA INITIATE IN FALSE MODE	VIII-314
SRA INITIATE IN FAUSE MODE	IV-72
SRA MOST PROBABLE FAIL INDICATOR	V-53, VIII-321
SRA SECOND MOST PROBABLE FAIL INDICATOR	V-53, VIII-321
SRA THIRD MOST PROBABLE FAIL INDICATOR	V-53, VIII-321
SRU	I-49
SRU BIT INITIATE	VII-12, X-34, XI-33
SRU BIT INITIATE WRAPAROUND	VII-8, X-29, XI-28
SRU INITIATE IN FALSE MODE	X-281, XI-69
SRU MOST PROBABLE FAILURE INDICATOR	XI-75
SRU SECOND MOST PROBABLE FAILURE INDICATOR	XI-75
SRU THIRD MOST PROBABLE FAILURE INDICATOR	XI-75
STALENESS EXCEEDED	X-149, X-150
STALENESS LIMIT	I-85, V-104, VIII-182, VIII-349, X-67, X-75, X-97, X-108
STAND ALONE CONTROL PANEL	V-27, V-30, VIII-295, VIII-298
BUFFER SIZE	V-30, VIII-298
STANDARD FF CODED	I-28, I-60, I-146
STANDARD FF CODED MESSAGE TYPE FAILURE	IV-35, IV-75, X-283, XI-71
STANDARD FT CODED	I-28, I-60, I-146
STANDARD FT CODED MESSAGE TYPE FAILURE	IV-36, IV-75, X-283, XI-71
STANDARD FT UNCODED	I-28, I-60, I-146
STANDARD FT UNCODED MESSAGE TYPE FAILURE	IV-35, IV-75, V-48, VIII-316, X-283, XI-71, XI-93
START DIGITAL LOOPBACK TEST	I-151, I-155
START MAILBOX TEXT	I-5
START NET ENTRY	III-152, VIII-92, XI-54
START NET ENTRY COMMAND	III-152, VIII-92, VIII-107
START R/T BIT REPORTING	I-16, I-18
START R/T INITIALIZATION	I-17
START R/T INITIALIZATION BIT	I-23
START R/T TEST MODE	I-155
START XMIT RTT TEST MODE	I-151, I-155
START-UP INITIALIZATION	VIII-175
START-UP NAVIGATION DATA	I-110
START-UP NAVIGATION DATA DTB	III-47, VIII-48
START-UP/INTERRUPT	IV-86, XI-79
STARTING ADDRESS WORDS	VIII-3, VIII-6, IX-3, IX-6
STARTING DATA WORD	III-4, IV-12, V-98, VIII-175, VIII-195, VIII-343, XI-58

	<u>PAGES</u>
STARTING NET NUMBER FOR CONTROL GROUP	III-85, III-86
STARTING NET NUMBER FOR VOICE GROUP A	III-85, III-86
STARTING NET NUMBER FOR VOICE GROUP B	III-85
STATE VECTOR VALIDITY TIME	I-162
STATION LATITUDE	III-23, VIII-31
STATION LONGITUDE	III-24, VIII-32
STATION POSITION LAT (COARSE)	III-7, VIII-21
STATION POSITION LAT (FINE)	III-7, VIII-21
STATION POSITION LATITUDE	
COARSE	III-23, VIII-31
FINE	III-23, VIII-31
STATION POSITION LONG (COARSE)	III-7, VIII-21
STATION POSITION LONG (FINE)	III-7, VIII-21
STATION POSITION LONGITUDE	
COARSE	III-24, VIII-32
FINE	III-24, VIII-32
STATION POSITION VALIDITY	III-27
STATUS BLOCK REQUEST	XI-57
STATUS CONTROL WORD	IV-11, XI-57
STATUS DATA WORD BLOCKS	IV-2
STATUS OF LOOPBACK TRANSMISSION	I-88, I-90, V-64, V-114, VIII-331, VIII-359
STATUS WORD	I-41
STATUS/VALIDITY WORDS	VIII-3, IX-3
STN	V-105, VIII-350
STN OF CURRENT NCS	IV-41
STOP ON ERROR	X-13
STORED INTERRUPT STATUS REGISTER	V-32, VIII-300
STRENGTH	III-20, VIII-29
SUBADDRESS COUNT	VIII-178
SUBADDRESS/MODE	VIII-174, VIII-228
SUBSYSTEM FLAG	I-151, IV-43, IV-45, VIII-123, VIII-177, VIII-246
SUCCESSFUL LOOPBACKS	I-137
SUPPORT PORT	V-1, VIII-279
SUPPORT PROT DISABLE	VII-14
SUPPRESSION DISABLE	XI-33
SUPPRESSION MODULUS	I-151, I-153, IV-43, IV-45, VIII-123
SYNC COVARIANCE DIAGONAL ELEMENTS	I-158
SYNC DATA DET FAIL	IV-66, X-277, XI-66
SYNC DECLARE	I-53
SYNC FILTER RESET	I-135, I-142, IV-30, VIII-119
SYNC MODE	IV-30, VIII-119
SYNC OBSERVATION INNOVATION	I-160
SYNC OBSERVATION TIME	I-160
SYNC OBSERVATION VALIDITY FAILURE	I-156, I-158
SYNC STATE VECTOR ELEMENTS	I-158
SYNC STATUS	IV-30, X-269
SYNCHRONIZATION FILTER DATA	I-156
SYNCHRONIZATION FILTER DATA DTB	III-48, VIII-49
SYNTHESIZER (ONE OR MULTIPLE) FAIL	IV-68, VIII-131, XI-67
SYNTHESIZER CH 1 PLL FAILED	I-50
SYNTHESIZER CH 2 PLL FAILED	I-50
SYNTHESIZER CH 3 PLL FAILED	I-50
SYNTHESIZER CH 4 PLL FAILED	I-50

	<u>PAGES</u>
SYNTHESIZER CH 5 PLL FAILED	I-50
SYNTHESIZER CH 6 PLL FAILED	I-50
SYNTHESIZER CH 7 PLL FAILED	I-50
SYNTHESIZER CH 8 PLL FAILED	I-50
SYNTHESIZER FAIL	IV-68, VIII-245, X-278
SYNTHESIZER FAILURE LOSS OF LOCK	IV-71, V-45, VIII-313
SYNTHESIZER FREQUENCY MISMATCHES	I-22
SYNTHESIZER LOSS OF LOCK FAILURE	V-26, VIII-294
SYNTHESIZER PLL MONITOR STATUS	I-50
SYSTEM TIME PARAMETER WORDS	I-5
SYSTEM TYPE	I-110, I-111, I-124, I-136, I-147, I-161, I-163, IV-37, IV-61

--T--

T/R BIT	VIII-174, VIII-228
TABLE POSITION	III-123
TACAN 135 HZ MOD PRESENT	IV-100
TACAN 15 HZ MOD PRESENT	IV-100
TACAN A/A MODE	IV-99, V-20, VIII-288
TACAN AGC	IV-100, V-21, VIII-289
TACAN AGC SEARCH/TRACK	IV-100
TACAN ANTENNA A CABLE DELAY	III-165, VIII-98
TACAN ANTENNA A DELAY	V-28, VIII-296
TACAN ANTENNA B CABLE DELAY	III-165, VIII-99
TACAN ANTENNA B DELAY	V-28, VIII-296
TACAN ANTENNA PORT SELECT	III-164, V-28, VIII-98, VIII-296
TACAN ANTENNA SELECT	IV-98, IV-101, V-19, VIII-287
TACAN ANTENNA SELECTED	V-22, VIII-290
TACAN BEARING	IV-98, IV-103, V-19, V-22, V-24, VIII-287, VIII-290, VIII-292
TACAN BEARING IN BAM	IV-101
TACAN BEARING IN MEMORY	IV-100, V-21, VIII-289
TACAN BEARING RATE	IV-105
TACAN BEARING RATE WORD INVALID	IV-105
TACAN BEARING SEARCH/TRACK	IV-100, V-21, VIII-289
TACAN BEARING VALID	IV-99, V-20, VIII-288
TACAN BEARING WORD INVALID	V-22, VIII-290
TACAN BEARING WORD INVALID BIT	IV-98, IV-101
TACAN BIT SUMMARY WORD	IX-21
TACAN CHANNEL NUMBER	III-163, IV-99, V-20, V-27, VIII-97, VIII-288, VIII-295, IX-11
TACAN CLK GOOK	VI-20
TACAN CONTROL OUTPUT WORDS	V-18, VIII-286
TACAN CONTROL PANEL	VIII-98
TACAN CPU FAILURE	IV-106
TACAN DATA	III-48, VIII-49
TACAN DATA GOOD	VI-20
TACAN DATA INPUT WORDS	V-18, VIII-286
TACAN DME IN MEMORY	IV-100, V-21, VIII-289
TACAN DME SEARCH/TRACK	IV-100, V-21, VIII-289
TACAN FAIL	IV-74, IV-79, VIII-104, VIII-105, VIII-135, VIII-138
TACAN FAILURE INDICATOR	IV-106

	<u>PAGES</u>
TACAN GOOD R/T	VI-13
TACAN I/O FAIL	VI-20
TACAN IS ON	VI-20
TACAN IU FAIL	IV-74, V-47, VIII-135, VIII-315
TACAN LINK FAIL	IX-19, IX-20
TACAN MODE	III-164, V-28, VIII-98, VIII-296
TACAN NO GOOD	IX-19, IX-20
TACAN ODOMETER HUNDREDS	IV-102, V-23, VIII-291
TACAN ODOMETER TENS	IV-102, V-23, VIII-291
TACAN ODOMETER UNITS	IV-101, V-22, VIII-290
TACAN ON	VI-14, IX-10
TACAN ONLY	I-136, I-145, IV-32, VIII-120
TACAN OUTPUT PARAMETERS	III-165, VIII-99
TACAN OUTPUT WORD SELECT	V-29, VIII-297
TACAN PORT	VIII-98
TACAN PORT GOOD	IX-10
TACAN POWER LEVEL FAILURE	IV-106
TACAN POWER SUPPLY FAIL	VIII-315
TACAN POWER SUPPLY GOOD	IX-10
TACAN POWER TEST	III-164, V-28, VIII-98, VIII-296
TACAN RANGE	IV-98, V-19, VIII-287
TACAN RANGE INVALID	IX-22
TACAN RANGE RATE	IV-104
TACAN RANGE RATE WORD INVALID	IV-104
TACAN RANGE VALID	IV-99, V-20, VIII-288
TACAN RANGE WORD INVALID BIT	IV-98
TACAN SELF TEST INDICATOR	IV-106
TACAN STOP INTERROGATION	I-16, I-18, III-152, III-153, VIII-92, VIII-93, XI-54
TACAN STOP TRANSPOND	I-16, I-18, VIII-93
TACAN VERSION ID	VI-19
TACAN X/Y MODE	IV-99, V-20, VIII-288
TACAN XMIT BACKOFF	I-16, I-18
TACTICAL DATA SYSTEM FAIL	IV-40
TACTICAL DATA SYSTEM FAILURE	I-151
TACTICAL DATA SYSTEMS FAILURE	XI-59
TADIL C ADDRESS	VIII-101
TADIL J	I-60, I-81, I-84, I-133
TADIL J CODE WORDS	I-86
TADIL J MESSAGES	I-28
TAILORED I/O FAIL	VIII-314, XI-91
TAILORED I/O OUTPUT DRIVER STATUS	VIII-10, X-30, XI-28
TAILORED INTERFACE SELF TEST WORD	IX-18
TAILORED INTERFACE TEST WORD	IX-17, X-30, XI-29
TAILORED OUTPUT DISCRETE FAIL	X-281
TAILORED TACAN PORT GOOD	VI-13
TAILORED TDMA FAIL	IV-72, V-46, VIII-134, VIII-314, X-281, XI-69, XI-91
TAILORED TDMA GOOD	VI-13, IX-10
TAP	VIII-7
TAPE PARITY ERROR	X-177
TAPE RECORDER PORT SELECTION	III-17, III-82, VIII-28
TARGET SORTING A BUFFERS AVAILABLE	IV-162
TARGET SORTING B BUFFERS AVAILABLE	IV-162

	<u>PAGES</u>
TARGET SORTING MESSAGE	VIII-190
TARGET SORTING MESSAGE NPG	VIII-74
TARGET TRACK	VIII-189
TASK SCHEDULE FAIL	I-135, I-139, IV-27, VIII-117
TDMA FAIL	IV-79, VIII-138, VIII-234, IX-15, XI-74
TDMA FLAG FAIL	IX-19
TDMA MESSAGE TRANSMIT BUFFER	I-28
TDMA RANGE	III-8
TDMA SELF TEST	I-21
TDMA SELF TEST INITIATE	I-22
TDMA TRANSMISSION MODE	III-8, III-11, VIII-22, VIII-25, XI-40, XI-41
TDMA VERSION ID	VI-19
TEMPERATURE OVERRIDE	VIII-14, VIII-15
TERMINAL ADDRESS	VIII-174, VIII-177, VIII-228, VIII-246
TERMINAL ADDRESS PARITY BIT	VIII-7
TERMINAL ADDRESS VALUE	VIII-7
TERMINAL FAIL	IV-13, IV-14, VI-17, VIII-104, VIII-105, VIII-138, X-268, XI-59, XI-60, XI-74
FAIL	IV-79
TERMINAL FLAG	VIII-156, VIII-177, VIII-246
TERMINAL FUNCTION WORD 1	III-7, VIII-21
BLOCK 1 WORD 5	III-14, VIII-26
TERMINAL FUNCTION WORD 2	III-7, VIII-21
BLOCK 1 WORD 6	III-17, VIII-28
TERMINAL FUNCTION WORD 3	III-7, VIII-21
BLOCK 1 WORD 7	III-20, VIII-29
TERMINAL ID	VIII-201
TERMINAL INPUT MESSAGE 16	IV-12
TERMINAL OUTPUT MESSAGE 21	VIII-59
RESTRICTION ON REQUEST OF	VIII-59
TERMINAL OUTPUT MESSAGES 22-27	VIII-59
RESTRICTION ON REQUEST OF	VIII-59
TERMINAL STATUS	III-48, VIII-49
TERMINAL SUPPORT PORT	V-30, VIII-298
TERNARY DATA INVALID	IX-21, IX-22
TEST CONVERSION CENTER	X-199
TEST FAIL	IV-13, IV-14, VIII-104, VIII-105, VIII-118, X-268, XI-59, XI-60
TEST FAILURE	V-26, VIII-294
TEST GO	IV-13, IV-14, V-110, VIII-104, VIII-105, VIII-355, X-268, XI-59, XI-60
TEST LOOPBACK FILTER	III-99, VIII-61
TEST MESSAGE FAIL	IV-78
TEST MESSAGES, SUCCESSFULLY RECEIVED	I-137
messages	I-137
TEST MODE	I-137, III-11, IV-25
TEST RTT LOOPBACK FAIL	I-146, X-279
TEST RTT LOOPBACK FAILURE	IV-36, IV-68, IV-76, IV-88, V-58, VIII-132, VIII-312, VIII-326, X-284, XI-68, XI-71, XI-90
TEST SUPPORT RECORDING DEVICE	V-30, VIII-298
BUFFER SIZE	V-30, VIII-298
TEST WORD DATA WRAP GOOD	VI-21

	<u>PAGES</u>
THERMAL OVERLOAD	IV-13, V-109, VIII-104, VIII-245, VIII-354, IX-15, X-267, XI-59
THERMAL OVERRIDE	IV-13, V-109, VIII-104, VIII-354, IX-13, X-267, XI-59
THERMAL OVERRIDE COMMAND	III-152, IV-13, VIII-92, VIII-104, XI-54, XI-59
THIRD MOST PROBABLE MODULE FAILURE	I-47, I-52
TIILT CORRECTIONS VALID	VIII-208
TIILT CVARIANCE	I-113
TIILT PROCESS NOISE	I-115
TIME	I-107
TIME CORRECTION	I-26
TIME FIGURE OF MERIT	VIII-225
TIME OF COMPUTATION	VIII-265
TIME OF COMPUTATION OFFSET	VIII-79
TIME OF DATA VALIDITY	I-78
TIME OF DAY	I-1, I-7, I-8, I-44, I-179, VIII-198, VIII-227
TIME OF DAY EPOCH NUMBER	IV-34
TIME OF DAY SEQUENCE NUMBER	IV-34
TIME OF DAY SLOT NUMBER	IV-33
TIME OF DAY VALIDITY	VIII-199
TIME OF UPDATE	VIII-211
TIME OF UPDATE OFFSET	VIII-79
TIME OVERLOAD	I-135, I-138, IV-26, VIII-116
TIME QUALITY	I-125, I-141, I-148, I-158, III-17, IV-29, IV-38, IV-63, VIII-245
TIME QUALITY ADDRESSEE	I-15
TIME QUALITY REPLACEMENT WORD	I-188
TIME QUALITY WORD	I-15
TIME REFERENCE DATA	I-97
TIME SINCE ALIGNMENT	I-116
TIME SLOT BLOCK INDEX	I-88, I-91, I-130, I-131, V-64, VIII-331
TIME SLOT FOR TRANSMISSION OF MESSAGE	I-84
TIME SYNC	IX-23
TIME SYNC ISSUED	IX-12
TIME SYNC REQUIRED	X-83
TIME TAG	I-77, I-82, I-89, I-99, I-104, I-107, I-111, I-119, I-137, IV-56, VIII-212, VIII-236, VIII-248, VIII-250
TIME TAG WORD	I-78
TIME UNCERTAINTY	VIII-198
TIME-OF-ARRIVAL	I-58, I-61, I-62, I-65, I-66, I-67, I-68, I-69, I-70, I-71, I-72, I-73, I-74, I-91, I-94, I-96
TIME-OF-DAY ERROR	III-162, VIII-96
TIME-OF-DAY ERROR MINUTES	III-162, VIII-96
TIME-OF-DAY ERROR SECONDS	III-162, VIII-96
TIME-OF-DAY HOURS	III-161
TIME-OF-DAY MINUTES	III-161
TIME-OF-DAY SECONDS	III-161
TIME-OF-DAY SLOTS	III-161
TIME-OF-DAY VALIDITY	III-161
TIMEOUT	X-39
TOA ADJUSTMENT ANTENNA A	I-13
TOA ADJUSTMENT ANTENNA A WORD	I-13
TOA ADJUSTMENT ANTENNA B	I-13

	<u>PAGES</u>
TOA ADJUSTMENT ANTENNA B WORD	I-13
TOA ADJUSTMENT SUM	I-14
TOA ADJUSTMENT WORD	I-13
TOA ADJUSTMENT WORDS	I-13
TOA ERROR	X-149
TOD EPOCH NUMBER	I-146, IV-34
TOD NET NUMBER	I-8
TOD SEQUENCE NUMBER	IV-34
TOD SET NUMBER	I-145
TOD SLOT NUMBER	I-145, IV-33
TORQUEING RATE VECTOR IN Y AXIS	I-102
TORQUEING RATE VECTOR IN Z AXIS	I-102
TORQUING RATE VECTOR IN X AXIS	I-102
TOTAL ERASE COUNT OF RECEIVED MESSAGE	I-96
TOTAL ERASURE COUNT OF RECEIVED MESSAGE	I-91, I-94
TRACK NUMBER ADDRESSEE	I-16
TRACK NUMBER INDICATOR	VIII-44
TRANSEC VARIABLE STATUS	I-42
TRANSMISSION CODE	IX-11
TRANSMISSION MODE	IV-24, VIII-114, VIII-231, XI-51
TRANSMISSION MODE WORD	I-135, I-137
TRANSMISSION QUEUE STATUS	I-88, I-91, V-64, VIII-331
TRANSMISSION SECURITY VARIABLE	III-53, III-57, III-58, III-62, VIII-50
TRANSMISSION SHUTDOWN DUE TO IPF FAIL	V-58, VIII-132, VIII-326, XI-68, XI-90
TRANSMISSION SHUTDOWN DUE TO IPF FAILURE	IV-86, XI-79, XI-101
TRANSMISSION SHUTDOWN INDICATORS	I-145, IV-32, VIII-120
TRANSMISSIONS RECEIVED	I-137
TRANSMISSIONS RECEIVED IN ERROR	I-137
TRANSMIT ANTENNA	VIII-202
TRANSMIT ANTENNA CABLE DELAY VALUE BLOCK1, WORD 25	VIII-38
TRANSMIT ANTENNA CONFIGURATION	I-17
TRANSMIT BUFFER STARTING ADDRESS	I-25
TRANSMIT DATA BUFFERS	VIII-6, IX-6
TRANSMIT DELAY CONSTANTS BLOCK 1	III-33
TRANSMIT DUTY CYCLE EXCEEDED	I-145
TRANSMIT ERROR OVERFLOW	IX-21, IX-22
TRANSMIT MESSAGE - PACKED 2-DP FF CODED	I-40
TRANSMIT MESSAGE - PACKED 2-DP FT CODED	I-37
TRANSMIT MESSAGE - PACKED 2-DP FT UNCODED	I-36
TRANSMIT MESSAGE - PACKED 2-SP FT CODED	I-33, I-38
TRANSMIT MESSAGE - PACKED 2-SP FT UNCODED	I-30
TRANSMIT MESSAGE - PACKED 4-SP FF CODED	I-39
TRANSMIT MESSAGE - PACKED 4-SP FT CODED	I-35
TRANSMIT MESSAGE - PACKED 4-SP FT UNCODED	I-34
TRANSMIT MESSAGE - STANDARD FF CODED	I-31
TRANSMIT MESSAGE - STANDARD FT CODED	I-32
TRANSMIT MESSAGE - STANDARD FT UNCODED	I-29
TRANSMIT MESSAGE LENGTH	I-18
TRANSMIT MODE CONFLICT	X-149
TRANSMIT NET PARTICIPATION GROUP	I-88, I-90

	<u>PAGES</u>
TRANSMIT NPG	I-88, I-90
TRANSMIT OMNIDIRECTIONAL ANTENNA A DELAY	XI-43
TRANSMIT OVER RECEIVE	I-131, VIII-77
TRANSMIT OVER RELAY RECEIVE	I-131, VIII-77
TRANSMIT POWER OUTPUT	I-17
TRANSMIT PRIORITY	X-68, X-74, X-96, X-107
TRANSMIT TIME	I-24
TRANSMIT TIME WORD 1	I-186
TRANSMIT TIME WORD 2	I-24, I-187
TRANSMIT TIME WORD REPLACEMENT FLAG	I-186, I-187
TRANSMIT/LOOPBACK RELATIVE TIMING	I-60
TRANSMIT/RECEIVE	III-164, VIII-98
TRANSMIT/RECEIVE BIT	VIII-228
TRANSMIT/RECEIVE SLOT	III-53, III-54, VIII-50
TRANSMITTED ALTITUDE QUALITY	I-149, IV-116
TSR BASIC BLOCK	IV-177
TSRD BUFFER STARTING ADDRESS	V-37, VIII-305
TSRD BUFFER WORD COUNT	V-36, VIII-304
TSRD MESSAGE FILTER WORDS	III-97
TUNE MODE WRAP FAIL	IV-27, VIII-117
TUNE MODE WRAPAROUND FAIL	I-42, I-43, I-135, I-139, IV-27, IV-68, VIII-117, VIII-131, X-278, XI-67
TUNE MODE WRAPAROUOND FAIL	V-43, VIII-311, XI-89
TURN RECORDER REPRODUCER RECORDING ON/OFF	X-175
TWO'S COMPLEMENT	IV-4
TYPE	X-78, X-99
TYPE 2A RTT INTERROGATION	I-16, I-28
TYPE 2B RTT INTERROGATION	I-15, I-28
TYPE MODIFIER	I-60, I-88, I-89, I-91, I-95

--U--

UNABLE TO COMPLY	X-177
UNCORRECTABLE MESSAGE ERROR RATE	IV-78, V-51, VIII-319, X-285,
.....	XI-96
UNIDENTIFIABLE DATA TRANSFER BLOCK	I-135, I-139
UNIDENTIFIABLE DTB	I-135, I-139, IV-27, VIII-117
UNIQUE VARIABLE UPDATE NUMBER	I-41, I-46
UNIT	V-53, VIII-321, XI-98
UNIVERSAL POLAR STEREOGRAPHIC DATA	I-109
UNIVERSAL TRANSVERSE MERCATOR	I-109
UPDATE FLAG	VIII-211
UPPER ACCUMULATOR	V-32, VIII-300
UPPER ANTENNA (A) VSWR FAIL	VIII-234
UPPER B REGISTER	V-32, VIII-300
USER REFRESH	X-269
UTILIZATION FAILURE	I-138, IV-24, IV-25, VIII-114
UTM/UPA DATA	I-97
UV UN	I-41

PAGES

--V--

VALIDITY TEST IN PROGRESS	VIII-355
VALIDITY	III-85, III-161, V-117, VIII-96, VIII-362
VALIDITY BITS	VIII-208
VALIDITY CHECK	
LACK OF	IV-20, VIII-111
VALIDITY CHECKING	III-18, III-31, III-32, VIII-36, VIII-37
VALIDITY ERROR	IV-20, VIII-107, VIII-111, XI-62
VALIDITY TEST	XI-61
VALIDITY TEST IN PROGRESS	VIII-106
VARIABLE CODE FOR LOCATION N	III-32, VIII-37
VARIABLE CODE FOR LOCATION N+1	III-32
VARIABLE FOR NET N	III-86
VARIABLE FOR NET N+1	III-87
VARIABLE NUMBER FOR DECRYPT	I-5
VARIABLE NUMBER FOR TRANSEC	I-4
VELOCITY CONVERSION	X-216, X-223
VELOCITY CORRECTIONS VALID	VIII-208
VELOCITY COVARIANCE	I-114
VELOCITY DAMPING	I-114
VELOCITY PROCESS NOISE	I-114, I-115
VELOCITY REFERENCE TYPE	I-110, I-111
VELOCITY VALID	VIII-209
VERIFY R/R INTERFACE AND CCP TEST COMPLETE	X-174
VERIFY RECORDER REPRODUCER INTERFACE AND CCP	X-175
VERTICAL POSITION FIX QUALITY	VIII-210
VERTICAL VELOCITY	I-163
VIRTUAL ADDRESS	I-78
VMF Route Data	IV-136
VOICE 1 DISABLE	VII-14
VOICE 1 FAIL	IV-77, X-284, XI-72
VOICE 1 GOOD	VI-13, VII-8, VIII-9, IX-10, X-29, XI-28
VOICE 1/2 DISABLE	X-37, XI-36
VOICE 2 DISABLE	VII-14
VOICE 2 FAIL	IV-77, X-284, XI-72
VOICE 2 GOOD	VI-13, VII-8, VIII-9, IX-10, X-29, XI-28
VOICE A CHANNEL CHANGE	I-153, IV-42, VIII-122
VOICE A NET NUMBER	I-152, IV-42
VOICE A SUPPRESSED SLOT ASSIGNMENT NUMBER	I-153, IV-43
VOICE CHANNEL	VI-15
VOICE CHANNEL A NET NUMBER	III-154, VIII-94
VOICE CHANNEL B NET NUMBER	III-154, VIII-94
VOICE CHANNEL NET NUMBER	VIII-232
VOICE CHANNELIZATION	III-34, VIII-39
VOICE DISABLE ACCESS TO GM	VIII-16
VOICE DISCRETE REGISTER FAIL	IX-19, IX-20
VOICE FREQUENCY/CHANNEL	III-167
VOICE GM TEST WORD 1 FAIL	XI-72
VOICE GROUP B CONTROL WORD	III-86
VOICE PORT 1	
ADDRESS DECODE (RECEIVE)	V-5, V-13, VIII-282
ADDRESS ENCODE (TRANSMIT)	V-5, V-13, VIII-282

	<u>PAGES</u>
VOICE PORT 1 RATE	III-34, VIII-39
VOICE PORT 1 TEST WORD	V-8, V-16, V-17, VIII-285
VOICE PORT 2	
ADDRESS DECODE (RECEIVE)	V-6, VIII-283
ADDRESS ENCODE (TRANSMIT)	V-6, VIII-283
VOICE PORT 2 RATE	III-34, VIII-39
VOICE PORT 2 TEST WORD	V-8, V-16, VIII-285
VOICE PORT TEST WORD	V-8, V-16, VIII-285
VOICE PORT TEST WORDS	V-8, V-16, VIII-285
VOICE POWER-ON BIT	XI-20
VOICE POWER-ON BIT PERFORMED	VI-3
VOICE PROCESSOR TEST WORD 2 FAIL	IV-77, XI-72
VOICE RATE SELECT CHANNEL 1	VIII-15, IX-16, X-35, XI-18
VOICE RATE SELECT CHANNEL 2	VIII-15, IX-16, X-35, XI-18
VOICE TEST INITIATE	XI-34
VOICE/GM TEST WORD 1 FAIL	X-284
VOICE/GM TEST WORD 2 FAIL	X-284
VOLTAGE STANDING WAVE RATION ANTENNA A FAIL	I-47
VOLTAGE STANDING WAVE RATION ANTENNA B FAIL	I-47
VOLTR ALARM	I-42, I-43
VOLTR OCCURRED	I-56
VSWR ANTENNA A FAIL	IV-84, VIII-143, XI-78
VSWR ANTENNA B FAIL	IV-84, VIII-143, XI-78

--W--

WANDER ANGLE	I-123, IV-60
WANDER ANGLE VALID	VIII-208
WEST SPEED OF MEDIUM	IV-59, VIII-127
WORD COUNT	I-77, I-82, I-87, I-88, I-97, I-98, I-104, I-107,
	I-109, I-118, I-126, I-127, I-129, I-130, I-132,
	I-135, I-156, I-161, III-93, IV-11, V-97, V-98,
	VIII-193, VIII-247, VIII-342, VIII-343, XI-57
WORD COUNT/MODE CODE	VIII-174, VIII-228
WORD FORMAT	VIII-170
WORD VALID	I-56
WRA BIT	I-155, VIII-106
REQUEST FOR	VIII-92, VIII-202
WRA BIT COMMAND	VIII-106
WRA BIT INITIATE	IX-15
WRA FAILURE	VIII-105
WRAP DATA	X-197
WRAP INDICATOR	X-48, X-53
WRITE ENABLE	X-177
WRITE HEADER	X-175
WRITE HEADER ABORTED	X-174

--X--

X AND Y SPEEDS VALID	IV-48, VIII-125
X DAMPING STATE	IV-59, VIII-127
X MODE/Y MODE	III-164, V-27, VIII-98, VIII-295
X SLEW ANGLE	I-102, IV-53
X SPEED	I-101

	<u>PAGES</u>
X TILT CORRECTION.....	IV-60
X, Y, AND Z AXIS SLEW VALID.....	IV-48, VIII-125
X-AXIS AZIMUTH.....	I-101, IV-50
X-AXIS AZIMUTH VALID.....	IV-48, VIII-125
X-AXIS TORQUING RATE.....	IV-51
X-Y MODE CONTROL.....	IX-11
X/Y MODE.....	V-20, VIII-288
XMIT ANTENNA.....	I-16, I-17, III-152, VIII-22, VIII-93, XI-54
XMIT ANTENNA CONFIGURATION.....	VIII-30
XMIT MESSAGE LENGTH.....	I-16, I-18
XMIT TIMING AND CONTROL FAIL.....	X-277
XSET.....	I-84, X-76, X-98, X-109
XSLOT.....	I-84, X-76, X-98, X-109

--Y--

Y DAMPING STATE.....	IV-60, VIII-127
Y SLEW ANGLE.....	I-102, IV-53
Y SPEED.....	I-101
Y TILT CORRECTION.....	IV-60
Y-AXIS TORQUING RATE.....	IV-51

--Z--

Z SLEW ANGLE.....	I-102, IV-53
Z SPEED.....	I-101
Z SPEED VALID.....	IV-48, VIII-125
Z VELOCITY PROCESS NOISE.....	I-114
Z VELOCITY TIME CONSTANT.....	I-116
Z-AXIS TORQUING RATE.....	IV-51
ZERO VARIABLE.....	I-27